Interagency Report Co

This report is required by law (7 USC 2143). Failure to report according to the regulations can NOV 2 3 2004 result in an order to cases and desist and to be subtent to come and to b result in an order to cease and desist and to be subject to penalties as provided for in Section 21!

> UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 56-R-0103

CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

University Of South Carolina At Aiken 171 University Pkwy Aiken, SC 29801

Telephone: (803) -641-3299

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Patrick Science Ednishion Center FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0				0
5. Cats	0				0
6. Guinea Pigs	0				0
7. Hamsters	0				9
8. Rabbits	0				Ø
9. Non-human Primates	0				0
10. Sheep	0				0
11. Pigs	O				0
12. Other Farm Animals	٥				0
13. Other Animals	NA				NA

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	۱L
(Chief Executive Officer or Legally Responsible Institutional Official)	

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

DATE SIGNED

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Ozment Swzeinne Ph.D

APHIS FORM 7023

Interagency Report Con-

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 56-R-0004

CUSTOMER NUMBER:

902

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Tri-County Technical College Veterinary Technology Dept P.O. Box 587 Pendleton, SC 29670

Telephone: (864) -464-1437

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs			49		
5. Cats			43		
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending vetering	arian for this research facility has appropriate authority to ens	sure the provision of adequate veterinary care and to oversee the adequacy of other aspects of	animal care and use.
		ADQUARTERS RESEARCH FACILITY OFFICIAL er or Legally Responsible Institutional Official)	
SIGNATURE OF P.E.O. OR	INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL DISFICIAL (Type or Print)	DATE SIGNED
APHIS FORM 7023 ((AUG 91)	Replaces VS FOR 18-23 (OCT 88), which is obsolete.)	Trei-County Technical	Clin

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

NOV 1 2 2004

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. CERTIFICATE NUMBER: 56-R-0003

CUSTOMER NUMBER: 901

FORM APPROVED OMB NO. 0579-0038

University Of South Carolina At Columbia Office Of Research Compliance

Columbia, SC 29208

Telephone: (803) -777-7095

Op

l l

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

Animals Covered By The Animal Welfare Regulations	B. Number of animal being brea, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use o pain-relieving drugs	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquilliz drugs would have adversely affected the procedures, resion interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reason drugs were not used must be attached to this report	F. TOTAL NUM OF ANIM (COLUM C + D +
4. Dogs					
5. Cats					
6. Guinea Pigs		33	113	-	146
7. Hamsters		15			15
8. Rabbits		2	132		134
9. Non-human Primates					
10. Sheep					
11. Pigs			7		7
12. Other Farm Animals					
13. Other Animals					
Ground Squirre	ls		24		24
Peromyscus	1,523	89			89
Grass Rat		31			31

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual treaching, testing, surgery, or experimentation were followed by this research facility.
- 2: Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal in vest gator and Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary brief explanation of the exceptions, as well as the species and number of animals affected.
- 41. The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal dark and use

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF ME.O. OR INSTITUTIONAL OFFICIAL

NAME & LITTLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE S 31.5

Office of Research Compliance

APHIS ORM 7023

(Reflaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT) NOV 1 2 2004

2. HEADOUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

University of South Carolina At Columbia Office of Research Compliance Columbia, SC 29208 (803) 777-7095

REPORT OF ANIMALS USED BY OF	UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne-	cessary or use this form.)	
Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used.	TOTAL NOF ANIM. (Cols C D + E
12 & OR 13 Other (List by species)	purposes	relieving drugs.	tranquilizing drugs were used	must be attached to this report)	
Gerbils		28			28
Degus		2			2
Chipmunks		11			1
					
					
					
					
		<u> </u>			
		<u> </u>			
	<u></u>				
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approxiate use of aniesthetic, analgesic, and tranquilizing drings, prior to, durent and following actual research, teaching, festing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations upder the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report in addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research locality has open apriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SION
	Thomas A. Coggins, Director Office of Research Compilence	

APHIS FORM 7023A (AUG 91)



NOV 1 2 2004

Institutional Animal Care and Use Committee

56-R-0003

Annual Report of Research Facility - Continued

3. Facility Locations
Graduate Science Research Center – USC Columbia
Earth & Water Science Building – USC Columbia
School of Medicine – USC Columbia (Dorn VA Hospital Campus)
USC Salkehatchie – Walterboro Campus (807 Hampton St. Walterboro, SC 29488)

This report is required by law (7 USC 214). Failure to report according to the regulations can, result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE

(TYPE OR PRINT)

additional information

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

56-R-0002

CUSTOMER NO. 926

FORM APPROVED OMB NO~ 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, ANNUAL REPORT OF RESEARCH FACILITY include Zip Code)

CLEMSON UNIVERSITY OFFICE OF RESEARCH COMPLIANCE 223 BRACKETT HALL, BOX 345704 CLEMSON, SC 20634-5704

(864) 656-4538

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (sites) See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analyesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cois. C + D + E)
4. Dogs	0	0	18	0	18
5. Cats	0	0	3	0	3
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	18	39	0	57
9. Non-Human Primates	0	0	0	0	0
1 0. Sheep	0	0	0	0	0
l 1. Pigs	0	0	22	0	22
12. Other Farm Animals					
Goat	0	0	2	0	2
13. Other Animals					
ı					
					li .

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

(Chief Executive (Y HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) ove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATUSE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & THIE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Vice President for Research	DATE SIGNED
1 11 10/1 me con frame	and Economic Development	1 , /

APHIS FORM/7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which Is obsolete

PART 1 - HEADQUARTERS

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 56-R-0002 CUSTOMER NO. 926 FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

include Zip Code) CLEMSON UNIVERSITY

OFFICE OF RESEARCH COMPLIANCE 223 BRACKETT HALL, BOX 345704 CLEMSON, SC 20634-5704

(864) 656-4538

REPORT OF ANIMALS USED A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analyesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
Bats	0	473	0	0	473
Squirrels	0	245	0	0	245
Opossum	0	357	0	0	357
Rats	0	98	88	0	186
Mice	0	1228	40	0	1268
Leming	0	2	0	0	2
Chipmunk	0	14	0	0	14
Skunk	0	1	0	0	1
Deer	0	0	15	0	15
Voles	0	80	0	0	80
Shrews	0	150	0	o	150
Racoons	0	182	0	0	182
Moles	0	1	0	0	1
Fox	0	5	0	0	5
ASSURANCE STATEMENTS	<u> </u>	L	<u> </u>		

¹⁾ Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

	HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official)	
,	ove is true, correct, and complete (7 U.S.C. Section 2143)	
	NAME & TITLE OF C.E.O.O.B. INSTITUTIONAL OFFICIAL (Type or Print) Vice President for Research and Economic Development	DATE SIGNED

APHIS FORM 023A (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

²⁾ Each principal investigator has considered alternatives to painful procedures.

³⁾ This faci-4ty is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is affached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 56-R-0001

CUSTOMER NUMBER: 925

FORM APPROVED OMB NO. 0579-0036

121

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Medical University Of South Carolina

Div Of Lab Animal Res/Dept Of Comparative George 6 2004

Po Box 250777

Charleston, SC 29425

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Strom Thurmond Building

Quad. E

FACILITY LOCATIONS (Sites) - See Atached Listing Basic Science Building

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A) D. Number of animals upon Number of animal Number of E. Number of animals upon which teaching, experiments, being bred, animals upon which experiments research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh which teaching, teaching, research. conditioned, or TOTAL NUMBER **Animals Covered** held for use in research, surgery, or tests were the use of appropriate anesthetic, analgesic, or tranquiliz OF ANIMALS By The Animal teaching, testing, experiments, or conducted involving drugs would have adversely affected the procedures, res Welfare Regulations experiments, tests were accompanying pain or or interpretation of the teaching, research, experiments, (COLUMNS research, or conducted distress to the animals an surgery, or tests. (An explanation of the procedures involving no pain. for which appropriate producing pain or distress in these animals and the reason C + D + E) surgery but not ye distress, or use o anesthetic, analgesic, or such drugs were not used must be attached to this report used for such purposes. pain-relieving tranquilizing drugs were drugs. used 4. Dogs 6 6 5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 539 96 443 9. Non-human Primates 10. Sheep 11. Pigs 213 209 4 12 Other Farm Animals

ASSURANCE STATEMENTS

13. Other Animals

Gerbils

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.

121

- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incoming the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

4) The attenuing veterinalian for this research racinty has a	appropriate authority to ensure the provision of adequate recomment, said to ensure the appropriate	
C	ERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OF INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) John R. Raymond / Vice President for	DATE SIGNED
Joh R Reconsid	Academic Affairs and Provost; Professor	11/25/04

AP**//**S FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 55-R-0124 **CUSTOMER NUMBER: 15718**

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Appalacian State University Appalachian State Univ Appalachian State University Boone, NC 28608

NOV 2 6 2004

Telephone: (704) -262-2130

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS L	JSED BY OR UNDER O	CONTROL OF RESEAR	CH FACILITY (Attach additiona	i sheets if necessarv or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ycl@mys torridus	0	77	0	0	77

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure	the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal of	are and use.					
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)							
	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print Programs	DATE SIGNED					
Down Baunchown	Lorin A. Baumhover, Interim Dean, Research & Sponaored	11-22-04					

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 55-R-0123

CUSTOMER NUMBER: 21633

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Synecor Lic

3908 Patrist Drive Sin + 170

- Po Box 14865-

Research Triangle Pa, NC 27709 Duchan, NC

Telephone: (919) -541-9977

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)									
A. Animals Covered By The Animal Welfare Regulations	В.	Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs									
5. Cats								•	
6. Guinea Pigs									
7. Hamsters									
8. Rabbits									
9. Non-human Primates									
10. Sheep									
11. Pigs		1		0		576		0	576
12. Other Farm Animals									
13. Other Animals									

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)							
SIGNATURE OF C.E.O. DR INSTITUTION OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Richard 5 Stack (M) Institutional (Fixed)	DATE SIGNED					

APHIS FORM 7023

(Replaces V6 FORM 18-23 (OCT 88), which is obsolete.)

Interagency Report

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 55-R-0122 CUSTOMER NUMBER: 22419

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Immunotherapeutics International Inc. 7 0 4 2004 730 Oakridge River Road Fuquay Varina, NC 27526

Telephone: (919) -539-3011

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

AT ABOUE ADDRESS ONLY

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)						
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	OF ANIMALS (COLUMNS C + D + E)	
4. Dogs	1	•				
5. Cats						
6. Guinea Pigs						
7. Hamsters						
8. Rabbits						
9. Non-human Primates						
10. Sheep						
11. Pigs						
12. Other Farm Animals						
Goats	34	16			16	
13. Other Animals						

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

MARK R. WARDELL, EUP & CSO

DATE SIGNED

M.R. Wardell.

Chairman

NOV 1 7 2004 See attached form for

Interagency Report

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 55-R-0121

> CUSTOMER NUMBER: 15523

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Ardent Pharmaceuticals, Inc 631 United Drive Durham, NC 27713

Telephone: (919) -806-1806

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS I	USED BY OR UNDER O	CONTROL OF RESEAR	CH FACILITY (Attach additional	al sheets if necessarv or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquilitz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs	3	24			24
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ASSLIDANCE STATEMENTS	,				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc

orier explanation of the exceptions, as well as the species and number of animals a	пестео.		
4) The attending veterinarian for this research facility has appropriate authority to ensure	ure the provision of adequate veterinary care and to oversee the adequate	cy of other aspects of ani	mal care and use.
	ADQUARTERS RESEARCH FACILITY OFFICIAL er or Legally Responsible Institutional Official)		
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type of Kwen - Jen Chang	C.E.O.	DATE SIGNED
APHIS FORM 7023 (Replaces VS FORM 18-2 (OCT 88), which is obsolete.) (AUG 91			

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 55-R-0119
CUSTOMER NUMBER: 16933

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Hybrizyme Corp. 2801 Blue Ridge Rd-Suite G70 Raleigh, NC 27607

Telephone: (999) -999-9999

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

NA

REPORT OF ANIMALS	USEI	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animals Covered By The Animal Welfare Regulations	8.	Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS (COLUMNS C+D+E)
4. Dogs									
5. Cats									
6. Guinea Pigs	T			18					18
7. Hamsters									
8. Rabbits									
9. Non-human Primate	Γ								
10. Sheep	Γ								
11. Pigs	Γ		Γ						
12. Other Farm Animals	F				<u> </u>		_		
13. Other Animals	\perp		L				\perp		
	<u></u>				_		_		
			L		L				
					_		1		

ASSURANCE STATEMENTS

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, feaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.

CEO

- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

Randy Allen CEO

11/23/04

APHIS FORM 7023A (AUG 91)

PART 1 - HEADQUARTERS

Interagency Report Control

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 55-R-0118 CUSTOMER NUMBER: 13918

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Biotechnics 310 Millstone Drive Hillsborough, NC 27278

Telephone: (919) -245-3114

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS I	USED BY OR UNDER C		CH FACILITY (Attach additions	al sheets if necessarv or use APHIS Form 7023A)	
Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report	OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	O	6	0	ð
5. Cats	Ó	O	0	0	0
6. Guinea Pigs	0	0	0	0	
7. Hamsters	0	C	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	6	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	O	0	O	0	0
13. Other Animals	0	0	0	0	0

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.							
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)							
SIGNATURE OF C.E.O. OB INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED					
A.a. Sand	Prosident, Biotechnics, Klac	9/7/04					

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 55-R-0117
CUSTOMER NUMBER: 9721

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Icagen, Inc

4222 Emperor Boulevard

Suite 350

Durham, NC 27703

Telephone: (919) -941-5206

NOV 2 22004

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Suite 460, same address as above.

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)								
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, rese or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	OF ANIMALS (COLUMNS C + D + E)			
4. Dogs	Ö	0	0	Ö	. 0			
5. Cats	ಲ	Ċ	0	0	O			
6. Guinea Pigs	ට	12	O	Ö	12			
7. Hamsters	0	0	0	0	0			
8. Rabbits	0	0	0	0	0			
9. Non-human Primates	0	0	0	O	0			
10. Sheep	0	O	0	0	O			
11. Pigs	0	0	0	0	0			
12. Other Farm Animals	0	0	0	0	0			
13. Other Animals	0	0	0	0	0			
<u> </u>								

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual resulted treatment, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	ON BY HEADQUARTERS RESEARCH FACILITY OFFICIAL utive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
gree Dred	Greg Rigdon, UP, Instit. Off.	11/16/04

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

Interagency Report Cont

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 55-R-0115

CUSTOMER NUMBER: 1638 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Molecular Toxicology, Inc. 157 Industrial Park Dr. Boone, NC 28607

NOV 0 1 2004

Telephone: (828) -264-9099

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)									
A. Animals Covered By The Animal Welfare Regulations		Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquilized drugs would have adversely affected the procedures, resion interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs									
5. Cats									
6. Guinea Pigs									
7. Hamsters						770			770
8. Rabbits									
9. Non-human Primates									
10. Sheep									
11. Pigs									
12. Other Farm Animals									
13. Other Animals									
7-18									

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.

The attending veterinarian for this research facility has appropriate authority to a second for the second	ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of difficult	odio dila desi					
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)							
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED					
Theather Comern	Heather R. Cameron, UP operations	10-29.00					

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

Interagency Report Control io.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 55-R-0114

CUSTOMER NUMBER: 988

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

222 Leisure Lane Dallas, NC 28034

Gaston College/Vet Tech Program

Telephone: (999) -999-9999

NOV 0 9 2004

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS (USED BY OR UNDER		CH FACILITY (Attach additiona	il sheets if necessarv or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs		50	104	0	154
5. Cats		30	54	0	84
6. Guinea Pigs			400 Nan	0	0
7. Hamsters			. = -	0	Ŏ
8. Rabbits		0	7	0	7
9. Non-human Primates				0	0
10. Sheep				0	0
11. Pigs				0	0
12. Other Farm Animals					
Cattle		5	0	0	5
13. Other Animals					
Horses		5		0	5

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incipief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL Sherses	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) President	DATE SIGNED				

SEP Prerage 2004 ort Control (C.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 55-R-0111

CUSTOMER NUMBER: 959

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Davidson College P.O. Box 7118

Davidson, NC 28035

Telephone: (704) -894-2617

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)									
A. Animals Covered By The Animal Welfare Regulations		Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whith the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs			ł						
5. Cats									
6. Guinea Pigs						-			
7. Hamsters									
8. Rabbits									
9. Non-human Primates									
10. Sheep									
11. Pigs						-			
12. Other Farm Animals									
13. Other Animals									
Gerbils		64		271					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authori	ity to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of	animal care and use.					
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)							
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED					
Class. Obo	Clark G. Ross, Vice President for	9/27/2019					
		C 17					

APHIS FORM 1023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

Academic Affairs and Dean of Facult

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 55-R-0108 CUSTOMER NO. 815 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

INTEGRATED LABORATORY SYSTEMS, INC. 800-12 CAPITOLA DR PO BOX 13501

RESEARCH TRIANGLE PA. NC 27713

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

INTEGRATED LABORATORY SYSTEMS
DURHAM, NC 27713

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C+ D+E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
		<u> </u>			
		1			

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Thomas K. Rao	Thomas K. Rao, President	11/09/2004			

APHIS Form 7023 Additional Reported Sites

The following additional sites have been reported by the facility. The reported sites have not been verified by APHIS and have been provided by the facility solely for completeness of the APHIS Form 7023 Annual Reporting submission.

Registration Number:

55-R-0108

Customer Number:

815

Facility:

INTEGRATED LABORATORY SYSTEMS, INC.

800-12 CAPITOLA DR

PO BOX 13501

RESEARCH TRIANGLE PA, NC 27713

Site B Keystone Technical Park Site B 601 Keystone Park Drive, Suite 100 Site B Durham, NC 27713

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 55-R-0107 CUSTOMER NO. 808

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CAROLINAS MEDICAL CENTER DIRECTOR COMPARATIVE MEDICINE P.O. BOX 32861 CHARLOTTE, NC 28232-2861

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

CAROLINAS MEDICAL CENTER
CHARLOTTE, NC 28232

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cois. C + D + E)
4. Dogs			21		21
5. Cats					
6. Guínea Pigs					
7. Hamsters					
8. Rabbits			35		35
9. Non-Human Primates					
10. Sheep					
11. Pigs			88		88
12. Other Farm Animals					
13. Other Animals					
Sand Rats	54		75		75
Ferrets			4		4

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL						
(Chief Executive Officer or Legally Responsible Institutional official)						
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
Karin R. Carey	Karin R. Carey, Assistant VP, Research & Research Compliance	11/30/2004				

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 55-R-0104
CUSTOMER NUMBER: 8210

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

University Of North Carolina-Asheville Cpo #1440 The University Of Nc At Asheville One University Heights Asheville, NC 28804

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)		
4. Dogs	0	0	0	0	0		
5. Cats	0	0	0	0	0		
6. Guinea Pigs	0	Ò	0	0	0		
7. Hamsters	D	0	0	0	0		
8. Rabbits	0	0	0	6	0		
9. Non-human Primates	0	0	0	0	0		
10. Sheep		0	0	0	0		
11. Pigs	0	0	0	0	0		
12. Other Farm Animals	0	0	0	6	0		
13. Other Animals	0	0	0	0	0		

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reseteaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incident brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	FICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ef Executive Officer or Legally Responsible Institutional Official)	
SIGNATURA OF C.E.G. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) CHRISTOPHER W. NICCLAY (Chay, IACUC)	DATE SIGNED 9/30/04

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21: See attached form for additional information. Interagency Report Control I

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 55-R-0027

CUSTOMER NUMBER: 827

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Professional Lab & Research Services 1251 Nc 32 North

Corapeake, NC 27926

Telephone: (252) -465-8686

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report	OF ANIMALS (COLUMNS C + D + E)		
4. Dogs	7	498	Ó	0	498		
5. Cats	19	126	0	0	lab		
6. Guinea Pigs	Ö	0	6	0	Ó		
7. Hamsters	D	0	b	0	0		
8. Rabbits	15	151	0	0	151		
9. Non-human Primates	0	0	0	0	0		
10. Sheep	б	0	0	0	0		
11. Pigs	0	O	0	0	0		
12. Other Farm Animals こ。H(と	0	۵	0	0	2		
13. Other Animals	0	0	0				

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL tive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OP INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
hank	LARRY R. CRUTHERS, UP. FRESEATCH : COO	23N# 04

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 55-R-0022 CUSTOMER NUMBER:

813

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

North Carolina A&T State University Lab. Animal Resource Unit 116 Webb Hall

Greensboro, NC 27411

NOV 302004

Telephone: (336) -334-7720

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

Animals Covered By The Animal effare Regulations By The Animal effare Regulations By The Animal effare Regulations By The Animal experiment research, o surgery but used for su purposes.	animals upon d, or which teaching, e in research, esting, experiments, or s, lests were or conducted inot ye involving no pain,	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments. research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBEI OF ANIMALS (COLUMNS C + D + E)
ogs 2	1	5	0	6
nts O	1	. 0	0	1
uinea Pigs 14	23	15	0	38
emsters 0	0	0	0	0
abbits 0	1	0	0	1
on-human Primates 0	0	0	0	0
neep 0	0	0	0	0
gs 0	0	6	0	6
her Farm Animals -	-	-	-	-
ther Animals				
Gerbils 26	35	17	0	52

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)							
SIGNATURE OF C.E.O. OPANSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED					
Atm Thomps IPh. D.	Alton Thompson, PhD Dean, School of Agriculture	11/29/0					

See attached form for

Interagency Report Co

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21!

> UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER:

55-R-0021

CUSTOMER NUMBER: 823

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

University Of North Carolina

@ Greensboro

Research Services Rm.100 Mciver Bldg

Greensboro, NC 27402

Telephone: (336) -334-5878

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

EBERHART BUILDING - FIRST FLOOR

FACILITY LOCATIONS (Sites) - See Atached Listing

EBERHART BUILDING - SIKITH FLOOR

STONE BUILDING-FIRST FLOOR

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)						
Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)	
4. Dogs					Ø	
5. Cats					Ø	
6. Guinea Pigs					Ø	
7. Hamsters					Ø	
8. Rabbits					Ø	
9. Non-human Primates					Ø	
10. Sheep					<u></u>	
11. Pigs					Ø	
12. Other Farm Animals					Ø	
13. Other Animals					Ø	

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use. CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

	(Chief Executive Officer	or Legally Responsible Institutional Official)
<u> </u>		
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	// .	NAME & TITLE OF C.E.O. OR INSTITUTIONAL
Bus 1 / Alladon	think	BEVERLY B. MAC
	~// .	OFFICE OF SPONSON

OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

BEVERLY B. MADDOX-BRITT

DIRECTOR

OFFICE OF SPONSORED PROGRAMS

DATE SIGNED

(Repraces VS FORM 18-28 (OCT 88), which is obsolete.)

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

* This report is required by law (7 USC 2143). Failure to report according to the regulations can

result in an order to cease and desist and to be subject to penalties as provided for in Section 21!

1. CERTIFICATE NUMBER: 55-R-0019 CUSTOMER NUMBER: 862

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Central Carolina Community College 1105 Kelly Drive Sanford, NC 27330

Telephone: (919) -775-5401

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whith the use of appropriate anesthetic, analgesic, or tranquilizing would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reason such drugs were not used must be attached to this report	OF ANIMALS		
4. Dogs	0	0	43	0	43		
5. Cats	0	0	35	0	35		
6. Guinea Pigs	0	5	0	0	S		
7. Hamsters	0	0	0	0	0		
8. Rabbits	0	0	12	0	12_		
9. Non-human Primates	0	0	0	0	0		
10. Sheep	0	0	0	0	0		
11. Pigs	0	0	0	0	0		
12. Other Farm Animals							
Cows	0	0	5	&	5		
13. Other Animals							
Horses	0	0	S	0	5		
				·			

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.

thority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of an	imai care and use.
ION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL cutive Officer or Legally Responsible Institutional Official)	
NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
President / Mathew S. Garrett	10-5-04
	ION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL cutive Officer or Legally Responsible Institutional Official) NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)



LEE COUNTY CAMPUS

1105 Kelly Drive ● Sanford, NC 27330 919-775-5401 ● (FAX) 919-775-1221 SERVING CHATHAM, LEE & HARNETT COUNTIES

Facility Locations (Sites)

1. Small animals: Central Carolina Community Collège Science Building / Vet. Lab

1105 Kelly Drive Sanford, NC 27330

Z. Carge animals: Graster's Farm 2718 Country Way Sanford, NC 27330

Interagency Report Con Control

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 55-R-0017

FORM APPROVED OMB NO. 0579-0036

CUSTOMER NUMBER: 822

UCT 1 8 2004

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Ciit Centers For Health Research 6 Davis Drive Research Triangle Pa, NC 27709

•

Telephone: (999)-999-9999 919-558-1200

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquility drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates		-			
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
		Only lab	oratory mice and	rats which are exempt from	
		regulati	on under the AWA	were utilized during this	
		reportin	period.		

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incident brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	OQUARTERS RESEARCH FACILITY OFFICIAL or Legally Responsible Institutional Official)
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) DATE SIGNED
We work to mail with W	William F. Greenlee, Ph.D., President & CEO 10/15/0

APHIS FORM 7023

Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

Intersgency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 55-R-0013

CUSTOMER NUMBER: 821

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Greer Laboratories Inc. Albion Medical Holdings Inc. 639 Nuway Circle, N.E. P.O. Box 800 Lenoir, NC 28645

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)									
A. Animale Covered By The Animal Welfare Regulations		Number of enimel being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate annesthetic, analgesic, or tranquilizing drugs were used.	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resorinterpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs									
5. Cats									
6. Guinea Pigs		514	3	,596					3,596
7. Hamsters									
8. Rabbits		8				4			4
9: Non-human Primates									
10. Sheep									
11.º Pigs									
12. Other Farm Animals									
13. Other Animals									

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual resching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and applicational Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary incident brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use. CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)				
un	Mark Hites, RAC - Directory Regulatory	112301		

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER:

CUSTOMER NUMBER:

55-R-0012 820 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

University Of North Carolina @ Wilmington 601 South College Rd.

NOV 3 0 2004

Telephone: (910) -962-3810

Wilmington, NC 28403

FACILITY LOCATIONS (Sites) - See Atached Listing

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					,
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Prairie Vole	197	84	0	0	84

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reset teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incident brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

4) The attending veterinarian for this research facility	ias appropriate authority to ensure the provision or adequate veterinary care and to oversee the adequacy of other aspects of an	mai care and use.
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
men	PAULE. Hosier, Provost, UNCW	11-2404

APHIS FORM 7023 ('AUG 91) (Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

Interagency Report Contr

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 55-R-0012

CUSTOMER NUMBER: 820

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

University Of North Carolina

@ Wilmington

601 South College Rd. Wilmington, NC 28403

Telephone: (910) -962-3810

DEC 02 2004

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Prairie Vole	197	84	0	0	84
					

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.

to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects	
BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional Official)	
NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional Official)

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

NOV 1 7 2004

See attached form for additional information.

Interagency Report Con No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 55-R-0010 CUSTOMER NUMBER: 819

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

East Carolina University
Department Of Comparative Med,
School Of Medicine
Greenville, NC 27858

Telephone: (946) 946 2079

(252)744-2420

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs			36		36
5. Cats					
6. Guinea Pigs	23		35		58
7. Hamsters					
8. Rabbits			50		50
9. Non-human Primates			19		19
0. Sheep					
1. Pigs			147		147
2. Other Farm Animals					
3. Other Animals					
Ferret			10		10

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual residencing, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incident brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
M. lives	Michael J. Lewis, M.D.	

APHIS FORM 7023 (AUG 91) Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

Vice Chancellor, Health Sciences

FACILITY SITES LISTING

censee/Registrant Name: <u>E</u>	East Carolina University
cense/Registration Number:	55-R-0010
<u>.</u>	
clude all requested information	ouse regulated animals under the above number. Be sure to on. If the line does not apply, please mark it N/A. If you have his form as many times as needed before filling in the sites.
ite No.: 1 Name/Departme	ent: School of Medicine
Addre	ss: Moye Boulevard, East Carolina University
	Greenville, NC 27858
Buildi	ng: Brody Medical Sciences
Floor/Ro	om: Animal Housing on Ground and Seventh Floor; Research
	Laboratories on Floors Three thru Eight
Contact Pers	son: Phone No.:
Site No.: 2 Name/Departm	nent: School of Medicine
Addı	ress: Emergency Drive, East Carolina University
	Greenville, NC 27858
Build	ling: Life Sciences Building
Floor/Re	oom: Animal Housing on First Floor; Research Laboratories
	on Second Floor

FACILITY SITES LISTING

icensee/Registrant Name:	East Carolina University	
License/Registration Number:	55-R-0010	
include all requested informat	house regulated animals under the above number. Be sure to ion. If the line does not apply, please mark it N/A. If you have this form as many times as needed before filling in the sites.	
•		
Site No.: 3 Name/Departm	ent: Biology	
Addr	ess: East Carolina University	·
	Greenville, NC 27858	
Build	ling: Howell Science Complex	
Floor/R	oom: First and Third Floors – Animal Housing Facility	
Contact Per		
Site No.: 4 Name/Depart	ment: Psychology	
	lress: East Carolina University	•
· · ·	Greenville, NC 27858	
Bui	lding: Ragsdale and Ragsdale Annex	
Floor/I	Room: First Floor – Animal Housing Facility and Laboratories	
Contact Pe		

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 55-R-0007 CUSTOMER NO. 829

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF NORTH CAROLINA

UNIVERSITY OF NORTH CAROLINA 9201 UNIVERSITY CITY BLVD. CHARLOTTE, NC 28223

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

UNC @ CHARLOTTE
CHARLOTTE, NC 28223-0001

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	sary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D+E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
	<u> </u>	·			
	 				
ASSURANCE STATEMENTS		<u> </u>	<u> </u>	L	<u> </u>

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL						
	(Chief Executive Officer or Legally Responsible Institutional official)					
I certify that the ab	I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
Stephen R. Mosier	Vice Chancellor for Research and Federal Relations	11/24/2004				

Interagency Report Control N

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21!

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

See attached form for additional information.

1. CERTIFICATE NUMBER: 55-R-0004

CUSTOMER NUMBER: 826

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

University Of North Carolina @ Chapel Hill Cb# 7115-B12 Berryhill Hall Div. Of Lab Animal Medicine Chapel Hill, NC 27599

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs		138	56		194
5. Cats	11	1.6	2		18
6. Guinea Pigs			48		48
7. Hamsters		24			24
8. Rabbits		46	136		182
9. Non-human Primates	12		8		8
10. Sheep		7	6		13
11. Pigs		85	87		172
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use. CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)		

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 15/23 (OCT 88), which is obsolete.)

3. Facility Locations:

- A) Mary Ellen Jones
- B) Thurston-Bowles Building
- C) Dental Research Center
- D) Beard Hall (Closed December 2003)
- E) Davie Hall
- F) Berryhill Hall
- G) Taylor Hall
- H) McGavran-Greenberg
- I) Francis Owen Blood Research Laboratory
- J) Animal Resources Center
- K) Neuroscience Research Center
- L) Molecular Biology Research Lab (Glaxo) (Closed May 2004)
- M) Kerr Building
- N) Medical Biomolecular Research Building

W.

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to cenalties as provided for in Section 2150.

See reverse side for additional information

Interagency Report Control No. 0180-DOA-AN

result in an order to cease and desist and to be subject to penalties as provided for in Section 2 150		additional information	140. 0 100-DOA-A14					
UNITED STATES DEPARTMENT OF AGRICULTURE	1. REGISTRATION NO.	CUSTOMER NO.	FORM APPROVED OMB NO. 0579-0036					
ANIMAL AND PLANT HEALTH INSPECTION SERVICE	55-R-0003	863	05/9-0036					
ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)	HEADQUARTERS RES USDA, include Zip Code	•	e and Address, as registered with					
	DUKE UNIVER	RSITY						
	BOX 3180 DUI	MC						
	DURHAM, NC	27710						
	(919) 681-6792	2						
3. DEDODTING EACH ITV (List all locations where animals were housed or used in actual research testing or experimentation or held for these numbers. Attached additional sheets if								

 REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attached additional sheets if necessary.)

FACILITY LOCATIONS (sites)

See Attached Listing

REPORT OF ANIMALS USE	D BY OR UNDER CON	TROL OF RESEARCH F	ACILITY (Attach additional shee	ts if necessary or use APHIS FORM 7023A)	
A. Animals Covered by the Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, or research or surg. / but not yet und for surpose.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery or tests. (An explanation of procedures producing pain or stress in these animals and the reasons such figs were not used must be attached to to the stress in the second must be attached to the stress in the second must be attached to the stress in the second must be attached to the stress in the second must be attached to the stress in the second must be attached to the stress in the second must be attached to the stress in the second must be attached to the stress in the second must be attached to the stress in the second must be attached to the stress in the second must be attached to the second must be a	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	2	6	83		89
5. Cats		5	1		6
6. Guinea Pigs		31	280		311
7. Hamsters					
8. Rabbits		176	788		964
9. Non-Human Primates		59	3		62
10. Sheep		8	14		22
11. Pigs	10	8	681		689
12. Other Farm Animals					

Goats	3	2	5
13. Other Animals			
Ferrets	6	65	71
Monodelphis	66		66
Tree Shrew	141		141
Gerbil	1	25	26

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered atternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

care and use.	CATE OF PRINCIPAL INVESTIGATOR	
1	is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF PLORINS OFFICIAL	NAME & TITLE OF PI OR INSTITUTIONAL OFFICIAL (Type or Print) Dean, School of Medicine	DATE SIGNED 12/1/04
APHIS FORM 7023 (Replaces VS FORM 18-23 (Oct 88), which is obsolete) (AUG 91)	PAR	T 1 - HEADQUARTERS

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 55-R-0002

CUSTOMER NUMBER: 861

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Research Triangle Institute 3040 Cornwallis Rd. P.O. Box 12194

DEG 01 2004

Research Triangle Pa, NC 27709

Telephone: (919) -541-6182

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBEF OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	3	6	0	9
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	24	0	187	0	187
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incoming brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL live Officer or Legally Responsible Institutional Official)	. •
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL LISA & Dilliland	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) LISA J. CILLILAND UP, Legal + Regulatory Affairs	DATE SIGNED

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

LINITED STATES DEPARTMENT OF AGRICULTURE

1. REGISTRATION NO.

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

55-F-0001

CUSTOMER NO. 962

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

include Zip Code) U.S. ENVIRONMENTAL PROTECTION AGENCY

NATIONAL HEALTH & ENVIRONMENTAL RESEARCH LAB (MAIL DROP 51) RESEARCH TRIANGLE PA. NC 27711 (919) 541-2281

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of D. Number of animals upon Number of E. Number of animals upon which teaching, animals being animals upon which experiments experiments, research, surgery or tests were Animals Covered TOTAL NO. which teaching, conducted involving accompanying pain or distress bred. teaching, research. By The Animal conditioned, or to the animals and for which the use of appropriate OF ANIMALS research, surgery, or tests were conducted involving Welfare Regulations held for use in experiments, or anesthetic, analgesic, or tranquilizing drugs would teaching, testing, have adversely affected the procedures, results, or (Cols. C+ tests were accompanying pain or experiments, interpretation of the teaching, research, conducted distress to the animals D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not the procedures producing pain or distress in these animals and the reasons such drugs were not used pain, distress, or anesthetic, analgesic, or yet used for such use of paintranquilizing drugs were purposes. relieving drugs must be attached to this report) 0 None None None None 4. Dogs ** 11 11 ** 0 5 Cats 11 11 6 11 6 6. Guinea Pigs 11 11 5 5 7. Hamsters $\overline{13}$ 13 8. Rabbits 11 0 None None 9. Non-Human Primates 11 11 0 None None 10. Sheep 11. Pigs 12. Other Farm Animals 13 Other Animals

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY	HEADQUARTERS RESEARCH FACILITY OFFICIAL					
(Chief Executive C	fficer or Legally Responsible Institutional official)					
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
\sim .	Patricia Jackson	1				
Caturia M. Jackson	Institutional Official	11-30-04				
Carrier 11. Jeeps						

ASSURANCE STATEMENTS

See Attached Listing

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21!

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 54-R-0007
CUSTOMER NUMBER: 1730

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Camc Health Education Research Institute 3200 Maccorkle Ave, Se Charleston, WV 25304

Telephone: (304) -388-9971

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

CAMC Health Education and Research FACILITY LOCATIONS (Sites) - See Atached Listing

Institute Multidisciplinary Medical Teaching Facility

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilized drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals at the reasons such drugs were not used must be attached this report).	OF ANIMALS (COLUMNS C+D+E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	3				
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
					No animal
					were used

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rescuencing, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incoming brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) (
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Sharm Hall	Sharon A. Hall, President	11-30-04			

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

NOV 3 0 200 See attached form for

additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 54-R-0004

CUSTOMER NUMBER: 279

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Marshall University 400 Hal Greer Boulevard Huntington, WV 25775

Telephone: (304) -696-7373

FACILITY LOCATIONS (Sites) - See Atached Listing

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

REPORT OF ANIMALS	USED E	BY OR UNDER O	CONT	ROL OF RESEAR	CH F	ACILITY (Attach additiona	l she	eets if necessary or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	b c h te e r	Number of animal being bred, conditioned, or need for use in eaching, testing, experiments, esearch, or surgery but not ye used for such surposes.	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reason such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs									
5. Cats									
6. Guinea Pigs									
7. Hamsters		-							
8. Rabbits									
9. Non-human Primates									
10. Sheep									
11. Pigs									
12. Other Farm Animals									
13. Other Animals									
Rat		88		298		472			770
Mouse		348		316		1040			1356
Gerbil		21				3			3

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

The attenting retermination this research rading has appropriate authority to ensure the provision of adoption vectoring, date and to ensure the designation of attentions and the ensure that						
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) LOUIS H. Aulick, Ph.D. V. P. Rosearch, Inst. Official	DATE SIGNED				
APHIS FORM 7023 (Replaces VS FORM 18-23 (OCT 88), which is obsolete.)		, ,				

(AUG 91)

Interagency Report Contro No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 54-R-0003

CUSTOMER NUMBER: 278

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Fairmont State College 1201 Locust Avenue Fairmont, WV 26554

DEC 082004

Telephone: (304) -367-4589

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)						
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquilitz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)		
4. Dogs			12		12		
5. Cats			8		8		
6. Guinea Pigs		4			4		
7. Hamsters		6			6		
8. Rabbits		4			4		
9. Non-human Primates							
10. Sheep							
11. Pigs				-			
12. Other Farm Animals							
13. Other Animals							

ASSURANCE STATEMENTS

(AUG 91)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reset teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	ADQUARTERS RESEARCH FACILITY OFFICIAL per or Legally Responsible Institutional Official (
SIGNATURE OF C.E.O. OR INSPITUTIONAL OFFICIAL ALL LACE LITE SMELL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) BLAIR MONTCOMERY, President	12/1/04
APHIS FORM 7023 (Replaces VS FORM 18-23 (OC/188), which is obsolete.)		

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 54-R-0002

CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

W V School Of Ostepathic Medicine

400 N. Lee Street Lewisburg, WV 24901 NOV 2 2 2004

Telephone: (304) -645-6270

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Fredric W. Smith Science Building FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	0		20		20
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate t	durinity to ansure the provision of adequate votermary care and to oversee the deequatey of each deposit	0,0,0,0,0
	TION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ecutive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.Q. OR INSTITUTIONAL OFFICIAL	NAME TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Men E. men X	President	11-17-04

APHIS FORM 7023 (AUG 91)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21:

See attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 52-R-0112

CUSTOMER NUMBER: 28485

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Aderis Pharmaceuticals 2028 Dabney Road Suite E-17 Richmond, VA 23230

Telephone: (804) -358-9468

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS U	JSED BY OR UNDER C	ONTROL OF RESEAR	CH FACILITY (Attach additiona	sheets if necessary or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	Ð				Ø
5. Cats	D				ø
6. Guinea Pigs	Ø				Ø
7. Hamsters	Þ				Ø
8. Rabbits	Ø				Ø
9. Non-human Primates	æ				Ð
10. Sheep	D				Ø
11. Pigs	Ø				8
12. Other Farm Animals	Ø				Ð
13. Other Animals	.0				Ø

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incoming brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Executive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
James V. Pedi-	JAMES V. PECK V.P. RESEARCH OPERATIONS	11/24/04

APHIS FORM 7023 (AUG 91)

This report is required by law (? USC 21.43) Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150

Set reverse side for additionalinformation

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE

1 REGISTRATION NO. S2-R-0111

FORM APPROVED OMB NO. 0579-0036

S2-R-

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA Include Zip Code)

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Mary Baldwin College P.O. Box 1500 Staunton, VA 24401

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITYLOCATIONS (Sites)

Pearce Science Center 206, 208, 212

A. Animals Covered By The Anima Welfare Regulations	B.Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes	C. Number of animals upon which teaching, research, experiments, or teats were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analysisc, or tranquilizing drugs were used	E. Number of animals upon which teaching experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in those animals and the reasons such drugs were not used must be ettached to this report)	F. TOTAL NO OF ANIMAL: (Cols. C + D + E)
4. Dogs					
5. Cats		 			
6. Guinea Pigs					
7. Hamsters					
3. Rabbits					
Non-human Primates					
I0. Sheep			· ,		
I1., Pigs					
12. Other Farm Animals			•		
13 Other Animals					
Musk Shrew	75	30	0	. 0	105

1) Professionally acceptable standards governing the care, treatment, and use of animals including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending velations for this research facility has appropriate authority to ensure the provision of adequate velationary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL					
(Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).					
SIGNATURE OF CEO OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Jene J. Kutronski	Jane Pietrowski Institutional Official	11/22/04			

APHIS FORM 7023

²⁾ Each principal investigator has considered alternatives to painful procedures.

NDV 2 3 2004

See attached form for additional information.

Interagency Report Code No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 52-R-0110

CUSTOMER NUMBER: 21687

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Ora Inc Po Box 5010 Falmouth, VA 22403

Telephone: (540) -903-9296

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER (CONTROL OF RESEAR	CH FACILITY (Attach additiona	I sheets if necessarv or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs	1		83		83
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reset teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incoming brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

, , , , , , , , , , , , , , , , , , , ,	and the provided of authorized and the desired of the desired of authorized and desired					
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) DATE SIGNED					
M. Ke	STEVEN A. PARKS, PRESIDENT, ORA INC. 11/18/04					

ORA Inc.

Certificate number: 52-R-0110 Customer number: 21687

Annual report continuation sheet

Block 3: Facility locations

a. Operational Medicine Departmentb. U.S. Government testing site

Interagency Report Control No.:

2000

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21:

1. CERTIFICATE NUMBER: 52-R-0109

CUSTOMER NUMBER: 22152

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

International Institute For Biomedical Research 6501 Bright Mountain Road

Mclean, VA 22101

Telephone: (703) -356-3778

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in leaching, testing, experiments, research, or surgery but not ye used for such purposes.	research, experiments, or tests were conducted	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquilized upon sould have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report).	OF ANIMALS (COLUMNS
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Harnsters					
8. Rabbits					
9. Non-human Primates	67		31		98
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
·					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incoming brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate auth	ority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects	of animal care and use.
·	ON BY HEADQUARTERS RESEARCH FACILITY OFFICIAL. utive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Munet D Home	Kenneth D. Hansen, MD President	12/17/04

APHIS FORM 7023

Interagency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 52-R-0108

CUSTOMER NUMBER: 19485

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Progenetics 1872 Pratt Drive **Suite 1400** Blacksburg, VA 24060

Telephone: (540) -961-6700

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs	14	/		4	
12. Other Farm Animals					
13. Other Animals					
ACCURANCE STATEMENTS					

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to e	nsure the provision of adequate veterinary care and to oversee the adequacy of other aspects	of animal care and use.
//	HEADQUARTERS RESEARCH FACILITY OFFICIAL ficer or Legally Responsible Institutional Official)	
SIGNATURE OF C.P.D. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) JULIAN D. COOPER CEO	DATE SIGNED HTLNOV
APHIS FORM 7023 (Replaces VS FORM 18-23 (OCT 88), which is obsolete.)		

(AUG 91)

Interagency Report Control N

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 52-R-0107

> CUSTOMER NUMBER: 12155

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Operational & Emergency Medical Support Group

Skills Course 10201 Fairview Partlow, VA 22534

Telephone: (301) -610-2180

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs			410		410
12. Other Farm Animals					
13. Other Animals					
FERRETS			47		47

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.

CERTIFICATION BY HEA	ADQUARTERS RESEARCH FACILITY OFFICIAL er or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) APRIL BRIER VP & PROGRAM MANAGES.	DATE SIGNED
APHIS FORM 7023 VReplaces VS FORM 18-23 (OCT 88), which is obsolete.)		

(AUG 91)

Interagency Report Control N

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 52-R-0105

CUSTOMER NUMBER: 1662

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

University Of Richmond 28 Westhampton Way Richmond, VA 23173

Telephone: (804) -289-8417

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEAR	CH FACILITY (Attach additiona	I sheets if necessary or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
NONO	ANIMALS IN F	ACILITIES DU	ING YEAR - FACILI	TY IS UNDER MAJOR RENOVATION	
ASSURANCE STATEMENTS	S				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
William E. Cooper	William E. Cooper, President	11/16/04

NOV 1 2 2004

See attached form for additional information. Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 52-R-0103

> CUSTOMER NUMBER: 485

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Oct 1, 2003 - Sept 30, 2004

Revivicor Inc 1700 Kraft Drive **Suite 2400** Blacksburg, VA 24060

Telephone: (540) -961-5559

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures; res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)			
4. Dogs								
5. Cats					<u></u>			
6. Guinea Pigs								
7. Hamsters			1,					
8. Rabbits								
9. Non-human Primates								
10. Sheep								
11. Pigs	225	24	120		144			
12. Other Farm Animals				•				
Cattle	14			-				
13. Other Animals								
				<u> </u>				

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

	ION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL cutive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
	David Ayares, CEO, Revivicor, Inc.	11/11/24

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)



Revivicor, Inc. 1700 Kraft Drive Suite 2400 Blacksburg, VA 24060

USDA Certificate # 52-R-0103 USDA Customer # 485 Tel: (540) 961-5559 Fax: (540) 961-7958

ADDENDUM TO USDA ANNUAL REPORT FOR 2003-2004:

To:

USDA-APHIS, Animal Care

Subject:

Exceptions to the standards and regulations

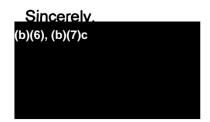
Report of USDA approved exemption to the regulations

Revivicor, Inc. received an approval from USDA for an exemption to the regulations regarding multiple survival surgeries in pigs on May 10, 2004 (Reference protocol REV-2204-02). As required we are including this information in our annual report. However, to date no second survival surgeries have been performed.

Report of a potential exception to the standards of the Animal Welfare Act

As required, we are reporting to the USDA that under four of Revivicor's IACUC approved protocols, pigs may be subjected to a second survival surgical procedure (ref. AWA 2.31(d) x). An emergency C-section may be performed on animals that have previously had embryo transfer surgery (laparotomy), if deemed medically necessary to ensure the health of the gilt or the piglets. This has been reviewed and approved by the full IACUC of Revivicor. During this reporting year (October 1, 2003 – September 30, 2004), however, no animals have undergone a second survival surgical procedure.

Should you have any questions regarding this subject, feel free to contact me.



additional information.

VLU & ZZUUT

Interagency Report Control

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

52-R-0029 CUSTOMER NUMBER: 483

Northern Virginia Community College Veterinary Technology Program 1000 Harry Flood Byrd Highway Sterling, VA 20164

Telephone: (703) -450-2525

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)						
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquilitz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)	
4. Dogs	3	16	54		70	
5. Cats	4	10	33		43	
6. Guinea Pigs			۵ ک			
7. Hamsters						
8. Rabbits						
9. Non-human Primates						
10. Sheep					-	
11. Pigs						
12. Other Farm Animals						
13. Other Animals			•			

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED 11/18/04

este

PROGRAM HEAD, VETERINARY TECHNOLOGY

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 52-R-0014

CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Duncroft Inc. 39166 Irish Corner Rd.

Lovettsville, VA 20180

NOV 3 0 2004

Telephone: (540) -822-5883

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)								
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)			
4. Dogs	0	0	0	0	0			
5. Cats	0	0	0	0	0			
6. Guinea Pigs	0	O	0	O	0			
7. Hamsters	0	0	0	0	0			
8. Rabbits	21	43	2	0	45			
9. Non-human Primates	0	0	0	0	0			
10. Sheep	eep 2 O		0	0	0			
11. Pigs	0	0	0	0	0			
12. Other Farm Animals	63	47	0	0	47			
13. Other Animals								

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)							
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED					
Christene Graybell	Christine Graybill, I.O.	11/24/04					

NOV 2 6 2004 See attached form for

additional information.

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21:

> UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 52-R-0013

CUSTOMER NUMBER: 482

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Washington And Lee University Parmiv Hall Lexington, VA 24450

Telephone: (540) -458-8895

3. REPORTING FACILITY / List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) Parmly Hall Animal Facility, Howe Hall 315 and 415

Animals Covered By The Animals Welfare Regulations Welfare Regulations Welfare Regulations A nimals A ni	REPORT OF ANIMAL	.S USE	D BY OR UNDER	CONT	ROL OF RESEAR	CH F	ACILITY (Attach addition	al st	neets if necessary or use APHIS Form 7023A)	
5 Cats 6. Guinea Pigs 7 Hamsters 4 17 17 8 Rabbits 9 Non-human Primates 10 Sheep 11 Pigs 12 Other Farm Animals	Animals Covered By The Animal	8.	being bred, conditioned, or held for use in teaching, testing, experiments research, or surgery but not ye- used for such	C.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use o pain-relieving	D.	which experiments teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic or tranquilizing drugs were	E	research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquitz drugs would have adversable affected the procedures, resoninterpretation of the teaching, research, experiments surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc	TOTAL NUMBER
6. Guinea Pigs 7. Hamsters 4 17 17 8. Rabbits 9. Non-human Primates 10. Sheep 11. Pigs 12. Other Farm Animals	4 Dogs							1		
7 Hamsters 4 17 17 8 Rabbits 9 Non-human Primates 16 Sheep 11 Pigs 12 Other Farm Animals	5 Cats					<u>.</u>				
8 Rabbits 9 Non-human Primates 16 Sheep 11 Pigs 12 Other Farm Animals	6. Guinea Pigs					i I		T		
9 Non-human Primates 16 Sheep 11 Pigs 12 Other Farm Animals	7 Hamsters		4	-	17					17
10 Sheep 11 Pigs 12 Other Farm Animals	8 Rabbits				and Market and the control					
11 Pigs 12 Other Farm Animals	9 Non-human Primate	5		•						
12 Other Farm Animals	10. Sheep			Ī -						
	11 Pigs									
13. Other Animals	12 Other Farm Animals							1.		
	13. Other Animals									
		-			70-70-0-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-			-		
	Total Control Control		at the Principle of the					_	;	in distribution of the state of

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and franquilizing drugs, prior to, during, and following actual rest teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and applicability brief explanation of the exceptions as well as the species and number of animals affected

1) The attending vatermanian for this research racinty has appropriate at	amonty to ensure the provision or acceptable vertering your and to oversee the acceptably of other aspects	Of British Care and use			
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)					
SIGNATURE OF CEO PRINSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Stewart	Jeanine S. Stewart, Ph.D. Interim Dean of the College	11-16-04			

APHIS FORM 7023 / : AUG 91 1

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 52-R-0012

CUSTOMER NUMBER:

492

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

V A Polytechnic Institute & State University 110 Litton-Reaves Hall Blacksburg, VA 24061

Telephone: (540) -231-4991

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report.	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	1	9	238	0	247
5. Cats	0	1	109	0	110
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	31	36	0	67
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	4	0	0	4
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	43	0 .	43
Cattle	0	10	3	0	13
13. Other Animals	0	0	8	0	8
Peromyscus	20	25	0	0	25
Voles	20	0	0	0	0
Black Bears	0	21	0	0	21

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTE	ERS RESEA	RCH FA	CILITY O	FFICIAL
/ O				

(Chief Executive Officer or Legally Responsible Institutional Official)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

Dr. Brad Fenwick Vice President for Research

DATE SIGNED

SIGNATURE OF C.E.O

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 52-R-0011
CUSTOMER NUMBER: 495

FORM APPROVED OMB NO. 0579-0038

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

University Of Virginia
314 Madison Hall
Office Of The Vice President For Research
Charlottesville, VA 22904

Telephone: (434) -924-3608

3. REPORTING FACILITY (List all locations where arrimsts were housed or used in actual research, teating, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Alached Listing

Animals Covered By The Animal Welfare Ragulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, resserch, or surgery but not ye used for such purposes.	C. Number of enimals upon which teaching, necessarily, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or teats were conducted involving accompanying pain or distress to the animals an for which appropriate ensethetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying peln or distress to the animals and for whithe use of appropriate ensethetic, analgesic, or transquitz drugs would have adversely affected the procedures, responsively or interpretation of the teaching, reassanch, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS
4. Dogs	0	0	121	0	121
5 Cats	0~	0	4	0	4
6. Guinea Pigs	42	60	31	0	91
7. Hamsters	496	302	100	0	402
8. Rabbits	95	115	641	0	756
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	18	49	118	0	167
12. Other Farm Animals					
13. Other Animals					
ferrets	0	- 38	0	0	38
musk shrews	87	145	130	0	275

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of ensetetic, enalgesic, and tranquilizing drugs, prior to, during, and following actual researching, leading, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and applicable. Assummany of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary into brief explanation of the exceptions, as well as the spacies and number of animals effected.
- 4) The attending vaterinaries for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY NEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)					
SIGNATURE OF CEOLOR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Ariel Dou	VICE PRESIDENT FOR RESEARCH	4/19/01			

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

Interagency Report Control

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21!

> 1. CERTIFICATE NUMBER: 52-R-0009

> > CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Old Dominion University Office Of Research

2035 Hughes Hall Norfolk, VA 23529

Telephone: (757) -683-3460

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER (CONTROL OF RESEAR	CH FACILITY (Attach additiona	al sheets if necessary or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pein or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters	43				
8. Rabbits	9	91	46		137
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquillzing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	ON BY HEADQUARTERS RESEARCH FACILITY OFFICIAL cutive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Ress A Min	Vice President for Research	09-30-04

APHIS FORM 7023 SITE LIST

The following sites have been reported by the facility.

Certificate Number:

52-R-0009

Customer Number:

494

Facility:

Old Dominion University

2035 Hughes Hall Norfolk, VA 23529 (757) 683-3460

Old Dominion University Mills Godwin Building Old Dominion University Norfolk, VA 23529 This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21!

See attached form for additional information. Interagency Report Contro

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 52-R-0004

CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

George Mason University Asst Director Of Research Compliance 4400 University Drive, Ms 4c6 Fairfax, VA 22030

Telephone: (703) -993-4015

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)	
4. Dogs					Ø	
5. Cats	·				Ø	
6. Guinea Pigs					8	
7. Hamsters					Ø	
8. Rabbits					0	
9. Non-human Primates					0	
10. Sheep					Ø	
11. Pigs					Ø	
12. Other Farm Animals					\$	
13. Other Animals					Ø	
					,	
i						
ASSURANCE STATEMENTS	3					

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

Customer ID and Site Address:

ID: 498 4400 University Dr. David King Hall Fairfax, VA 22030 County: Nelson

Telephone: 703-993-1548

Customer ID and Site Address:

ID: 498 4400 University Dr. Krasnow Institute Fairfax, VA 22030 County: Fairfax Telephone: 703-993-4378

Interagency Report Contr

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 52-R-0003

CUSTOMER NUMBER: 497 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Eastern Virginia Medical School 358 Mowbray Arch P.O. Box 1980 Norfolk, VA 23501

NOV 0 5 2004

Telephone: (757) -446-5600

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, lesting, or experimentation, or held for these purposes. Attach additional sheets if necessary)

700 W. Olney Rd, Norfolk, VA 23507

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquilizings would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					0
5. Cats					0
6. Guinea Pigs					0
7. Hamsters			49		49
8. Rabbits			111		111
9. Non-human Primates	145	4	77		226
10. Sheep					0
11. Pigs			36		36
12. Other Farm Animals					0
13. Other Animals				.,	0
				.,	

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) William J. Wasilenk, PhD

Associate Dean of Research

DATE SIGNED

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

This : eport is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 52-R-0002

CUSTOMER NO. 504

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

COLLEGE OF WILLIAM AND MARY P.O. BOX 8795 WILLIAMSBURG, VA 23187

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites) COLLEGE OF WILLIAM AND MARY **GLOUCESTER POINT, VA 23062**

A ,	B. Number of	C. Number of	D. Number of animals upon	 E. Number of animals upon which teaching, 	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
White-footed mouse	354	1713	101		1814
Deer mouse	471	62	20		82

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL					
(Chief Executive Officer or Legally Responsible Institutional official)					
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Dennis M. Manos	Dennis M. Manos, Vice Provost	12/02/2004			

APHIS Form 7023 Additional Reported Sites

The following additional sites have been reported by the facility. The reported sites have not been verified by APHIS and have been provided by the facility solely for completeness of the APHIS Form 7023 Annual Reporting submission.

Registration Number:

52-R-0002

Customer Number:

504

Facility:

COLLEGE OF WILLIAM AND MARY

P.O. BOX 8795

WILLIAMSBURG, VA 23187

Laboratory of Endocrinology and Population Ecology P.O. Box 8795
Williamsburg, VA 23187-8795
Millington Hall
P.O. Box 8795
Williamsburg, VA 23187-8795
Keck Environmental Laboratory
P.O. Box 8795
Williamsburg, VA 23187-8795
College of William & Mary, VIMS/SMS
Byrd Hall
Gloucester Point, VA 23062

This report is required by law (7 UBU 2143). Failure to report according to the regulations call result in an order to casae and desist and to be subject to penalties as provided for in Saction 21)

. NCC 1 5 ZW3....

FORM APPROVED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 52-R-0001 CUSTOMER NUMBER: 496

OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Blue Ridge Community College U.S. Route 11

Weyers Cave, VA 24486

Telephone: (540) -234-9261

Y (List all localions where animals were housed or used in actual research, tosting, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Common By The Additions Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of primels upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate aneathetic, analigeaic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or testa were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthatic, analgesic, or tranquilized ups would have adversely affected the procedures, responding relation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs			0		
5. Cats			0		
6. Guinea Pigs			0		
7. Hamsters			0		
8. Rabbits			0		
9. Non-human Printates			0		
10. Sheep	1 10 10 10 10 10 10 10 10 10 10 10 10 10		0		
11 Pigs			0		
12. Other Farm Admale			1		
Steer 100			2		
13. Other Animal III		70017 07 40 044 044 045 045 04	0		
		7, , 7			
The state of the s					
		, , , , , , , , , , , , , , , , , , , ,			

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- inabilitions arium Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary included exceptions, as well as the species and number of animals affected. 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap
- 4) The attended estartinarien for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use. CONTROL DV UMABOLIABIERO DECEMBON ENCULTO OCCICIAL

	(Chief Executive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF CO. OR INSTRUTIONAL OFFICIAL	NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type of PHAT) LENNET HA CLEVER VICE-PRESIDENT & LINSTRUTION	ATE SIGNED
40/110 2001 2		

Interagency Report Control No...

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 51-R-0080

CUSTOMER NUMBER: 26109

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Functional Genetics Inc 12111 Parklawn Drive Suite 202 Rockville, MD 20852

Telephone: (740) -698-0001

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)		
4. Dogs							
5. Cats							
6. Guinea Pigs							
7. Hamsters							
8. Rabbits							
9. Non-human Primates							
10. Sheep							
11. Pigs	84	7	69	0	76		
12. Other Farm Animals							
13. Other Animals			,				

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C. 50 OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) President a CEO	DATE SIGNED

APHIS FORM 7023 (AUG 91)

Interagency Report Control N

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 51-R-0077

CUSTOMER NUMBER: 17508

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Taconic Anmed 7676 Standish Place Rockville, MD 20855

Telephone: (301) -762-0366

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)		
4. Dogs	0	0	0	0	0		
5. Cats	0	0	0	0	0		
6. Guinea Pigs	170	170	0	0	170		
7. Hamsters	0	0	0	0	0		
8. Rabbits	0	0	0	0	0		
9. Non-human Primates	0	0	0	0	0		
10. Sheep	0	0	0	0	0		
11. Pigs	0	0	0	0	0		
12. Other Farm Animals	0	0	0	0	0		
13. Other Animals	0	0	0	0	0		

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual researching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)								
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED						
Mine & Whist roll	NINA A. WEISBROTH, Site Director	10/28/0						

APHIS FORM 7023 (AUG 91)

Interagency Report Contro No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

NOV 1 2 2004

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. CERTIFICATE NUMBER: 51-R-0076

CUSTOMER NUMBER: 17320

FORM APPROVED OMB NO. 0579-0036

Otsuka Maryland Medicinal Laboratories Llc

Maryland Research Laboratories
9900 Medical Center Drive
Rockville, MD 20850

Telephone: (301) -424-9055

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)									
A. Animals Covered By The Animal Welfare Regulations	В.	Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs			İ						
5. Cats									
6. Guinea Pigs						6			6
7. Hamsters									
8. Rabbits						14			14
9. Non-human Primates									
10. Sheep							i		
11. Pigs									
12. Other Farm Animals									
13. Other Animals									

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary included brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attenting veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

The attending veterinarian for this research facility has appropriate during to chisare the provision of acceptance veterinary care and to receive the acceptance of animal care and costs.							
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)							
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED					
上本于至一	Junichi Kamboyashi, Chairman 4 CEO	11-8-04					

APHIS FORM 7023

See attached form for additional information. Interagency Report Control

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21!

> UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 51-R-0075

CUSTOMER NUMBER: 13764

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Biosynexus Incorporated 9298 Gaither Road Gaithersburg, MD 20877

Telephone: (301) -330-5800

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yε used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6- Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Cotlon Rats	459	300			300
		<u></u>			

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	ON BY HEADQUARTERS RESEARCH FACILITY OFFICIAL cutive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) James Mond MD, PhD, Executive	DATE SIGNED
ADUIS FORM 7023 \/\(\rangle\)/Penlagge VS FORM 18-23 (OCT 98) which is a	heoleta) \(\frac{1}{2} \overline{\gamma} \arraycolor \frac{1}{2} \overline{\gamma} \arraycolor \frac{1}{2} \overline{\gamma} \arraycolor \frac{1}{2} \overline{\gamma} \arraycolor \frac{1}{2} \overline{\gamma} \	C

(AUG 91)

Vice President & Chief scientific Officer

NOV 1 6 2004

See attached form for additional information. Interagency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 51-R-0073

CUSTOMER NUMBER:

12786

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

20358 Seneca Meadows Parkway Germantown, MD 20876

Telephone: (301) -556-9829

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEAR	CH FACILITY (Attach additions	il sheets if necessarv or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

//	ON BY HEADQUARTERS RESEARCH FACILITY OFFICIAL utive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.A. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Kenneth ()	DATE SIGNED

APHIS FORM 1029

NDV 2 6 2004

See attached form for additional information Interagency Report

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: **CUSTOMER NUMBER:**

51-R-0072

FORM APPROVED OMB NO. 0579-0036

Mid-Atlantic States Veterinary Clinic **ANNUAL REPORT OF RESEARCH FACILITY**

(TYPE OR PRINT)

8015 Corporate Drive Suite A

Baltimore, MD 21236

Telephone: (410) -931-3332

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)						she	eets if necessarv or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	В.	Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS
4. Dogs				2					2
5. Cats									
6. Ģuinea Pigs									
7. Hamsters									
8. Rabbits		İ							
9. Non-human Primates									
10. Sheep									
11. Pigs									
12. Other Farm Animals									
13. Other Animals									
ASSLIDANCE STATEMENTS									

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11-22-04

PERRY CROWL, DYM PAST PRESIDENT / CE CE COMMITTEE CHAIR

APHIS FORM 7023

APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

51 - R - 0072

Customer Number:

84

Facility:

Howard County Fairgrounds 2110 Fairgrounds Road West Friendship, MD 21794

Maryland Veterinary Medical Association 8015 Corporate Drive, Suite A Baltimore, MD 21236 phone (410) 931-3332 fax (410) 931-2060 This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21!

See attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 51-R-0061

CUSTOMER NUMBER: 1668

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Human Genome Sciences Inc 9410 Key West Avenue Rockville, MD 20850

Telephone: (301) -251-6023

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS I	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animals Covered By The Animal Welfare Regulations	B. Number of being bred, conditioned held for use teaching, te experiment research, o surgery but used for su purposes.	I, or e in esting, s, r not ye	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reason such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs								0
5. Cats								0
6. Guinea Pigs			350					350
7. Hamsters								0
9. Rabbits								0
9. Non-human Primates								0
10. Sheep								0
11. Pigs								0
12. Other Farm Animals								Ö
13. Other Animals								0

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reset teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	ADQUARTERS RESEARCH FACILITY OFFICIAL er or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
In fam.	Crain Bosan Piesident RxD + Coo	11/11/04

APHIS FORM 7023

(Replaces VS_FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

See attached form for additional information.



UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 51-R-0060

CUSTOMER NUMBER: 1647

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Umbi Animal Core Facility Mbcrf 1st Fl., South 725 W. Lombard St. Baltimore, MD 21201

Telephone: (410) -706-2754

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)	
4. Dogs						
5. Cats						
6. Guinea Pigs	,					
7: Hamsters						
8. Rabbits		64	125		189	
9. Non-human Primates		2	87		89	
10. Sheep			16		16	
11. Pigs						
12. Other Farm Animals						
Goats			26		26	
13. Other Animals						

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

Dr. Jennie Hunter-Cevera, Pres., UMB]

Hunter-Cevers (Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 51-R-0059 CUSTOMER NUMBER: 1636

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Advanced Bioscience Labs., Inc. 5510 Nicholson Lane Kensington, MD 20895

Telephone: (301) -881-5600

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)						
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-reliaving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquillizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)	
4. Dogs						
5. Cats						
6. Guinea Pigs						
7. Hamsters						
8. Rabbits		25			25	
9. Non-human Primate	192	392	31		423	
10. Sh ee p						
11. Pigs						
12. Other Farm Animals						
13. Other Animals						
		ļ				
·		1		1		

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of enimals effected.
- 4) The attending veterinarien for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

	OQUARTERS RESEARCH FACILITY OFFICIAL or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print	DATE SIGNED
10/13/2	M.G. Sarngadharan, Ph.D., Vice President	11/24/04

APHIS FORM 7023

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

 REGISTRATION NO. 51-R-0059 CUSTOMER NO. 1636

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ADVANCED RECOUNTED LARGE INC.

ADVANCED BIOSCIENCE LABS., INC. 5510 NICHOLSON LANE KENSINGTON, MD 20895

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

ABL BIOCONTAINMENT FACILITY
ROCKVILLE, MD 20850

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats	_				
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates	192	392	31		423
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals				·	

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
M.G. Sarngadharan	M.G. Samgadharan, Ph.D., Vice President	11/24/2004			

Interagency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 51-R-0057

CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Osiris Therapeutics, Inc. 2001 Aliceanna Street Baltimore, MD 21231

Telephone: (410) -522-5005

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing 2001 Aliceanna Street

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)						
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)	
4. Dogs					-0 -	
5. Cats					<u> </u>	
6. Guinea Pigs					<u> </u>	
7. Hamsters	***************************************			480.41 SEC. 11.11 SEC.	— O —	
8. Rabbits			-		-0-	
9. Non-human Primates					-0-	
10. Sheep					-0-	
11. Pigs					<u> </u>	
12. Other Farm Animals					<u>-0 -</u>	
13. Other Animals					-0-	

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive Officer or Legally Responsible Institutional Official)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

Mark F. Pittenger, V.P., Research

See reverse side for additional information

III(BE &USING) POPULL CONTINUE NO 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 51-R-0057

FORM APPROVED OMB NO. 0579-0036

DEC C 2 200 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

> Osiris Therapeutics, Inc. 2001 Aliceanna Street 21231 Baltimore, MD

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of	TOTAL I OF ANIM (Cols. (D + I
12. &/OR 13. Other (List by species)	surgery but not yet used for such purposes.	pain, distress, or use of pain- relieving drugs.	anesthetic, analgesic, or tranquilizing drugs were used.	the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	D + 1
					_
	[
_/					

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of aniesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

Mark F. Pittenger, V.P., Research

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL man & Pettery

See attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 51-R-0055

CUSTOMER NUMBER: 740

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Sitek Corporation Sitek Research Laboratories 15235 Shady Grove Road Suite 303 NOV 2 6 2004

Rockville, MD 20850

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)									
A. Animals Covered By The Animal Welfare Regulations	В.	Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs							Γ		
5. Cats							Ī		
6. Guinea Pigs				160		0		0	160
7. Hamsters							Ī		
8. Rabbits				12		0		0	12
9. Non-human Primates									
10. Sheep									
11. Pigs							Γ		
12. Other Farm Animals				\$,					
13. Other Animals							Γ	•	
							L		
									,

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		
Con 5.16	Paul E, Kirby, President	VI-A-04		

APHIS FORM 7023

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 51-R-0051

CUSTOMER NUMBER: 96

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Spring Valley Laboratories Inc. 1500 Fannie Dorsey Rd

Sykesville, MD 21784

NOV 2 6 2004

Telephone: (410) -795-2222

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS I	USED BY OR UNDER C	CONTROL OF RESEAR	CH FACILITY (Attach additiona	al sheets if necessarv or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquilized rugs would have adversely affected the procedures, resion interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report	OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		23			23
7. Hamsters					
8. Rabbits	453	460			460
9. Non-human Primates					
10. Sheep	3				
11. Pigs					
12. Other Farm Animals				·	
goats	-	2			2
13. Other Animals					
Ferrets	8				

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reset teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incident brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

- The districting votermanes for the reconstruction, has appropriate t	administry to create the provision of disequate votermary care and to even one adequately of other deposits	or drilling date und doc:
¥ · · · · · · · · · · · · · · · · ·	TION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ecutive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.G. OR/INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Ruth T. Shaw, V.P.	DATE SIGNED

APHIS FORM 7023

See attached form for additional information

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 51-R-0050

CUSTOMER NUMBER: 513

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Biomedical Research Institute 12111 Parklawn Drive Rockville, MD 20852

OCT 2 2 2004

Telephone: (301) -881-3300

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquilized drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6 Guinea Pigs				t.	
7. Hamsters			454		454
8 Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12 Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reset teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and appoint invest
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

The attending veterinalization this research facility has appropriate authority to en	made the provision of adequate veterinary care and to oversee the adequacy of other aspects	, or arimal cere and asc
	IEADQUARTERS RESEARCH FACILITY OFFICIAL ficer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Jumes May	Dr. James L. Leef, Director, BRI	10/20/0

APHIS FORM 7023 (AUG 91)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

additional information

Interagency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE

REGISTRATION NO.

0180-DOA-AN

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

51-R-0046

CUSTOMER NO. 745

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

THOMAS D. MORRIS, INC 4001 MILLENDER MILL ROAD REISTERSTOWN, MD 21136

(410) 356-6780

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) **FACILITY LOCATIONS**(sites)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	O	O	O O	0
6. Guinea Pigs	\cup	O	Ũ	\mathcal{O}	0
7. Hamsters	0	0	Ũ	0	0
8. Rabbits	D	D	D	©	0
9. Non-Human Primates	\mathcal{O}	O	U	0	0
10. Sheep	0	0	127	0	127
11. Pigs	0	0	102	0	102
GOats 12. Other Farm Animals	0	0	275	0	275
Cottle	0	O	23	0	23
13. Other Animals					

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)							
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED					
Thomas Omaris	THOMAS D MORRIS-CHAIRMAN +CFO	11-30-2004					

APHIS FORM 7023 (AUG 91)

ASSURANCE STATEMENTS

See Attached Listing

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

This report is required by law (7 USC 2143). Failure to report according to the regulations can 0 V 3 U 2004 result in an order to cease and desist and to be subled to according

See attached form for additional information. Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 51-R-0038

CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Cambrex Bio Science Walkersville Inc 8830 Biggs Ford Rd - M01 Walkersville, MD 21793

Telephone: (301) -898-7025

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report.)	F. TOTAL NUMBEF OF ANIMALS (COLUMNS C + D + E)
0	0	0	0	0
0	0	0	0	0
0	10	0	0	10
0	0	0	0	0
0	0	0	0	0
0	4	0	0	4
0	0	0	0	0
0	0	0	0	0
N/A	N/A	N/A	N/A	N/A
8	34	0	0	34
N/A	N/A	N/A	N/A	N/A
2	1	0	0	1
	experiments, research, or surgery but not ye used for such purposes.	experiments, research, or surgery but not ye used for such purposes. O O O O O O O O O O O O O O O O O O O	teaching, testing, experiments, or tests were conducted involving accompanying pain or surgery but not ye used for such purposes. O O O O O O O O O O O O O O O O O O O	teaching, testing, experiments, or tests were conducted involving experiments, research, or surgery but not by gurgery but not by gurgery but not by gurgery such groupses. O O O O O O O O O O O O O O O O O O O

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reseteaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

OR INSTITUTIONAL OFFICIAL SIGNATUI

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

WILLIS H CANIS

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

See attached form for additional information.

Interagency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 51-R-0036

CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Bioqual Inc 9600 Medical Center Drive Rockville, MD 20850

Telephone: (301) -251-0633

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS I	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)						
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yε used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)		
4. Dogs							
5. Cats							
6. Guinea Pigs							
7. Hamsters							
8. Rabbits	0	820	0	0	820		
9. Non-human Primates	316	366	508	0	874		
10. Sheep							
11. Pigs							
12. Other Farm Animals							
13. Other Animals							
			·				

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary into brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL vive Officer or Legally Responsible Institutional Official)	
RIGHATURE OF C.E.O. OR INSTRUCTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Jah (Jane 10/26/20	John C. Landon, Ph.D. President/CEO	10/26/04

APHIS FORM 7023

UEC 06 2004 result in an order to cease and desist and to be subject to penalties as provided for in Section 21!

See attached form for additional information. Interagency Report Contro

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

This report is required by law (7 USC 2143). Failure to report according to the regulations can

1. CERTIFICATE NUMBER: 51-R-0034

CUSTOMER NUMBER: 505

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

University Of Maryland Dental School 666 W. Baltimore St. Baltimore, MD 21201

Telephone: (410) -706-7461

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquilizings would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals a the reasons such drugs were not used must be attached this report.).	F. TOTAL NUMBER OF ANIMALS (COLUMNS C+D+E)			
4. Dogs	0	0	0	0	0			
5. Cats	0	0	\mathcal{O}	Ø	0			
6. Guinea Pigs	0	0	0	0	0			
7. Hamsters	0	0	0	Ò	0			
8. Rabbits	0	0	∂	Ò	0			
9. Non-human Primates	0	0	\bigcirc	∂	0			
10. Sheep	0	0	0	0	0			
11. Pigs	0		0	0	0			
12. Other Farm Animals								
13. Other Animals								
	· · · · · · · · · · · · · · · · · · ·							
ACCUIDANCE STATEMENTS								

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	ADQUARTERS RESEARCH FACILITY OFFICIAL er or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.D. OR INSTITUTIONAL OFFICIAL Tom a Ryal D	NAME & TITLE OF C.E.O (OR INSTITUTIONAL OFFICIAL) Type or Print) ASSOCIATE DEAN FOR FINGS	DATE SIGNED
APHIS FORM 7023 (Replaces VS FORM 18-23 (OCT 88) which is obsolete)		

JAMES N. REYNOLDS

Institution operations and Planning

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 51-R-0031
CUSTOMER NUMBER: 532

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Washington Biotechnology, Inc.

Po Box 211

Simpsonville, MD 21150

NOV 3 0 2004

Telephone: (410) -633-7449

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

9075 Guilford Road and 9515 Umerwig Mhane Ozbite II2

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	В.	Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report.)	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs									
5. Cats									
6. Guinea Pigs		8				212			21 2
7. Hamsters							\vdash		
8. Rabbits		18		33		185			218
9. Non-human Primates									
10. Sheep									-
11. Pigs									
12. Other Farm Animals									
chickens 13. Other Animals		12		30					30
			<u> </u>						
			L						

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reseteaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc.
 brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending votering right his research facility has appropriate authority to ensure the provision of adequate votering or one and to oversee the adequacy of other aspects of animal care and use

The attending vetermanarilor this research facility has appropriate author	ty to ensure the provision of adequate vaterinary care and to oversee the adequacy of other aspects	s of animal care and use.				
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
Som o'OVeril	Sean O'Neill CEO	11/24/04				

APHIS FORM 7023

See attached form for additional information. Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

result in an order to cease and desist and to be subject to penalties as provided for in Section 21!

1. CERTIFICATE NUMBER: 51-R-0029

> CUSTOMER NUMBER: 476

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Novascreen Biosciences Corporation 7170 Standard Drive Hanover, MD 21076

Telephone: (410) -712-4411

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS I	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)						
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	OF ANIMALS (COLUMNS C + D + E)		
4. Dogs							
5. Cats							
6. Guinea Pigs		246			246		
7. Hamsters	:						
8. Rabbits							
9. Non-human Primates							
10. Sheep							
11. Pigs				,			
12. Other Farm Animals							
13. Other Animals							
ACCUIDANCE CTATEMENTO					L		

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

OR INSTITUTIONAL OFFICIAL

(AUG 91)

(OCT 88), which is obsolete.)

See attached form for additional information. Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. CERTIFICATE NUMBER: 51-R-0025

CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

University Of Maryland College Park **Graduate Studies & Research** College Park Campus College Park, MD 20742

Nov 2 6 2004

Telephone: (301) -405-4921

FACILITY LOCATIONS (Sites) - See Atached Listing

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Α.	B. Number of animal	C. Number of	D. Number of animals upon	E Number of enimals upon which teaching	F.
Animals Covered By The Animal Welfare Regulations	being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	TOTAL NUMBER OF ANIMALS (COLUMNS C+D+E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	1	0	11
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	5	6	0	11
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
Goats	0	2	0	0	2
13. Other Animals					
ferrets	0	12	6	0	18
fruit bats	0	5	0	0	5
Insectiv.bat	s 70	18	17	0	35
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIA
(Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

The Honorable Jacques S. Gansler, Ph. D 1/23/

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

APHIS FORM 7023 (AUG 91)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

Vice President for Research, Rodger C. Lipitz Chair and Public Policy and Private Interpris This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21:

See attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 51-R-0021

CUSTOMER NUMBER: 533

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

American Red Cross Jerome H. Holland Laboratory 15601 Crabbs Branch Way Rockville, MD 20855

Telephone: (301) -738-0634

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS I	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)			
4. Dogs								
5. Cats								
6. Guinea Pigs								
7. Hamsters								
8. Rabbits	5	12	392		409 x			
9. Non-human Primates								
10. Sheep								
11. Pigs								
12. Other Farm Animals								
13. Other Animals								
					· · · · · · · · · · · · · · · · · · ·			

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reset teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

Judith Hautala: Ph.D. VPRD 9/28

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

DEC 1 3 2004 See attached form for

additional information.

Interagency Report Cont

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 51-R-0020

CUSTOMER NUMBER: 90

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

School Of Health Professions C C B C - Essex Campus 7201 Rossville Blvd Baltimore, MD 21237

Telephone: (410) -522-1628

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS U	JSED BY OR UNDER C	ONTROL OF RESEAR	CH FACILITY (Attach additiona	l sheets if necessarv or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	<u> </u>	Q	0	0	
5. Cats	0	0	36	0	36
6. Guinea Pigs	0	0	0	0	
7. Hamsters		0	0	0	
8. Rabbits	Ō	\bigcirc	0	0	
9. Non-human Primates		0	O	0	
10. Sheep	Ŏ	0	Ŏ	O	
11. Pigs	0	0	0	0	
12. Other Farm Animals	0	0	0	0	
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	ADQUARTERS RESEARCH FACILITY OFFICIAL er or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) SWAN SEAVIKS - CALLWAY DVM	DATE SIGNED
APHIS FORM 7023 (Replaces V8 FORM 18-23 (OCT 88), which is obsolete.)		

(AUG 91)

(Replaces V8 FORM 18-23 (OCT 88), which is o

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

(TYPE OR PRINT)

1. REGISTRATION NO.

ANNUAL REPORT OF RESEARCH FACILITY

CUSTOMER NO. 51-R-0018

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zio Code)

UNIVERSITY OF MARYLAND @ BALTIMORE 10 S. PINE ST. RM G-100 MSTF BLDG, UMAB BALTIMORE, MD 21201

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites) VETERINARY RESOURCES BALTIMORE, MD 21201

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			97		97
5. Cats					
6. Guinea Pigs			611		611
7. Hamsters					
8. Rabbits			94		94
9. Non-Human Primates	29		246		246
10. Sheep			20		20
11. Pigs			15		15
12. Other Farm Animals					
13. Other Animals					
Ferrets			14		14

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)							
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED					
Anne N. Hirshfield	Anne N. Hirshfield, Asst. Dean for Research	11/19/2004					

APHIS Form 7023 Additional Reported Sites

The following additional sites have been reported by the facility. The reported sites have not been verified by APHIS and have been provided by the facility solely for completeness of the APHIS Form 7023 Annual Reporting submission.

Registration Number:

51-R-0018

Customer Number:

89

Facility:

UNIVERSITY OF MARYLAND @ BALTIMORE

10 S. PINE ST. RM G-100 MSTF BLDG, UMAB BALTIMORE, MD 21201

Site A Bressler Research Building

Site A 685 West Baltimore Street

Site A Baltimore, Maryland 21201

Site B Health Sciences Facility-1

Site B 655 West Baltimore Street

Site B Baltimore, Maryland 21201

Site C Maryland Psychiatric Research Center Site C Maple and Locust Streets

Site C Baltimore, Maryland 21228

Site D Holland Laboratory

Site D 15601 Crabbs Branch Way

Site D Rockville, Maryland 20855

See attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 51-R-0016

CUSTOMER NUMBER: 88

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Henry M Jackson Foundation Advancement/Military Medicine 1401 Rockville Pike, Suite 600 Rockville, MD 20850

DEC 03 2004

Telephone: (301) -424-0800

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

PANTHER TRACKS LEARNING CENTER POBOX 1588 IMMOKALEE, FL 34142 CAMBREX BIOSCIENCE 8830 BIGGS FOLD RD, WALKERSUILLE, MD 21793

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)								
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)			
4. Dogs								
5. Cats								
6. Guinea Pigs								
7. Hamsters		·						
8. Rabbits								
9. Non-human Primates	126							
10. Sheep								
11. Pigs								
12. Other Farm Animals								
13. Other Animals								

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reset teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incident brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)								
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED						

APHIS FORM 7023 (AUG 91)

DCT 1 5 2004 See attached form for additional information.

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 51-R-0012

CUSTOMER NUMBER: 86

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Towson University 8000 York Rd Towson, MD 21252

Telephone: (410) -704-2236

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)									
A. Animals Covered By The Animal Welfare Regulations	B.	Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquillizing drugs were used.	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs		N/A							
5. Cats		N/A							
6. Guinea Pigs		N/A							
7. Hamsters		N/A							
8. Rabbits		N/A							
9. Non-human Primates		N/A							
10. Sheep		N/A						·	
11. Pigs		N/A							
12. Other Farm Animals		N/A							
13. Other Animals									
Gerbils		70							
	_								
									:

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reset teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incident brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

(Office Executive Officer of Legally Responsible institutional Officer

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

Robert L. Caret, President

DATE SIGNED

APHIS FORM 7023

SIGNATURE OF C.E.O.

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

Customer ID and Site Address:

ID: 86 Smith Hall Towson University 8000 York Road Towson, MD 21204

Telephone: (410) 704-3061

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an erder to cease and desist and to be subject to penalties as provided for in Section 21:

additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

--, -, --

1. CERTIFICATE NUMBER: 51-R-0011 CUSTOMER NUMBER: 85

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Sinai Hospital Of Baltimore, Inc. Hoffberger #42 2401 W. Belvedere Avenue Baltimore, MD 21215

Telephone: (410) -601-5544

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary

FACILITY LOCATIONS (Siles) - See Atached Listing

	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)								
7	Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-retieving drugs.	D. Number of animets upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animets an for which appropriate anesthetic, aneigesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or feats were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anisative, analgesic, or tranquilized drugs would have adversely effected the procedures, as or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)			
4.	Dogs			,					
5.	Cats			4		4			
6.	Guines Pigs			85		85			
(lamsters								
	Rabbits			25		25			
9.	Non-human Primates								
10.	Sheep								
11.	Pigs								
12.	Other Farm Animals								
13.	Other Animals								
_									

- 1) Professionally acceptable standards governing the care, treatment, and use of enimals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reschang, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal Investigator and applicational Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary into brief explanation of the exceptions, as well as the species and number of enimals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

GNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGN

eille. Wulie

PRESIDENT/ INSTITUTION OFFICER.

HIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21!

See attached form for additional information. Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 51-R-0009

CUSTOMER NUMBER: 83

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Medimmune Inc 35 W. Watkins Mill Road Gaithersburg, MD 20878

Telephone: (301) -417-0770

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)									
A. Animals Covered By The Animal Welfare Regulations	В.	Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs									
5. Cats									
6. Guinea Pigs									
7. Hämsters				71		209			280
8. Rabbits									
9. Non-human Primates									
10. Sheep									
11. Pigs									
12. Other Farm Animals									
13. Other Animals							-		
Cotton Rats		96				315			315

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reset teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incident brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executive Officer or Legally Responsible Institutional Official)	

SIGNATURE OF C.E.O. ORTHISTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

PETER PATRIARCA, VICE Presiden 6 x 2.

DATE SIGNED

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

REGULATORYAFTAIRS

(AUG 91)

3. Reporting Facility As of June 29, 2004:

One MedImmune Way Gaithersburg, MD 20878

Telephone: 301-398-0000

See attached form for additional information.

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 51-R-0008

CUSTOMER NUMBER: 82

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Insect Control & Research Inc. 1330 Dillon Heights Avenue Baltimore, MD 21228

SEP 2 3 2004

Telephone: (410) -747-4500

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)									
A. Animals Covered By The Animal Welfare Regulations	bein cond held tead expe rese surg used	mber of animal ng bred, ditioned, or d for use in ching, testing, eriments, earch, or gery but not ye d for such poses.		Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs									
5. Cats				2					,
6. Guinea Pigs									
7. Hamsters									
8. Rabbits				15					*
9. Non-human Primates									
10. Sheep									
11. Pigs									
12. Other Farm Animals	:								
13. Other Animals									

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
Mercen X here	Marvin L. Bertsch, Associate Director	9/21/04				

ÁPHIS FORM 7023 (AUG 91)

See attached form for additional information. Interagency Report Co

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 51-R-0006

CUSTOMER NUMBER: 81

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Johns Hopkins University, The 459 S Ross Building 720 Rutland Avenue Baltimore, MD 21205

Telephone: (410) -502-0421

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if nece

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquilliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report	F. TOTAL NUMBEI OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	0	432	0	432
5. Cats	20	48	135	0	183
6. Guinea Pigs	0	147	1173	0	1320
7. Hamsters	Ö	0	193	0	193
8. Rabbits	0	37	874	0	911
9. Non-human Primates	229	8	358	0	366
10. Sh ee p	0	0	43	0	43
11. Pigs	0	12	808	0	820
12. Other Farm Animals					
13. Chinchilla 13. Other Animals	0	0	. 81	0 '	81
					:

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese eaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL TRUMBURE D. Tarkel	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Theodore O. Poehler, Ph.D.	DATE SIGNED			

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

Vice Provost for Research

Johns Hopkins University Research Registration No.: 51-R-006 FY >04 USDA Annual Report

IACUC approved exceptions to AWA regulations:

A. Not cleaning or sanitizing at required frequencies.

- 1. Two cats are used for studies involving human allergy to cats. These animals are housed in a small room resembling an apartment to replicate conditions in a normal human household. The room has a rug, a bed with sheets, litter pans, food and water containers and portable cages. The cats deposit hair, dander, and other allergens on the sheets. Humans are exposed to these allergens by either entering the housing room, or by exposure to air from the room. At the request of the investigator, and approved by the IACUC the following room husbandry procedures are followed:
 - a. The room floor is mopped with clean water only
 - b. The sheets are laundered only when changed by the investigator
 - c. The rug is not vacuumed or shaken except by the investigators when they collect material for experimental challenges.
- 2. A number of baboon cages are machine sanitized at 3-5 week intervals rather than the required two-week interval. These are cages in which baboons have been fitted with chronically indwelling intravenous or intragastric catheters, which are protected by a tether and harness system. The back of the cage contains an instrument panel with levers and lights that the baboon uses to produce food pellets and/or drug delivery. To sanitize the cages, the animals must be chemically restrained (ketamine hydrochloride), and the system must be dismantled. The baboon must be chemically restrained on ketamine until the cage wash is complete and the system reassembled (about 30 min). (This time is used to perform a physical examination of the baboon, shave and scrub the catheter exit site, clip nails, clean teeth, obtain a body weight, etc). For some studies, the administration of a drug like ketamine and the interruption of daily experimental assessment would introduce a potentially confounding variable if an arbitrary two-week (or shorter) interval were chosen. At the request of the investigator, the IACUC approved a maximum interval of up to 5 weeks between machine sanitization. All other routine husbandry procedures, including the cleaning of cage pans, are done on schedule. In addition some cleaning of the cage bars can be accomplished as needed when the baboon is in the cage to maintain the environment as clean as possible.

B. Providing space outside of that specified by the standards.

- 1. We occasionally house two juvenile monkeys in cages that contain a total of 6 square feet of floor space. These cages are 60 inches high however, so they contain a total of 30 cubic feet. The veterinary medical officer felt that with the installation of additional perches these cages could be approved by the IACUC for holding two juvenile animals. As necessary and when additional perches are installed animals will be pair housed in these cages.
- 2. As part of a vaccine study, monkeys will be pair housed in a 4 sq ft Horsfall isolator for up to 21 days to prevent exposure of personnel to infectious agents. Monkeys will be returned to normal after confirmation that they are no longer shedding the infectious agents.
- 3. As part of imaging studies, dogs will be housed in a 9.2 sq ft, 35.5 inch high cage for up to 10 days to contain radionuclides used in the study. This housing is required to assure personnel safety

and prevent environmental contamination.

- C. Exemption from the institution's environmental enrichment program and use of alternative programs during study.
- 1. The investigator requested and obtained an exemption from the IACUC from the requirement for social housing and/or environmental enrichment as described in the institution's Primate Environmental Enrichment Program. Prior to behavioral training, or viral infection we routinely house compatible animals together in pairs, triples or groups, depending on their age and sex. In addition, the standard cage enrichment and novel food enrichments are made available. However, if there is a behavioral component to the study, animals must be individually housed for training on to the tasks using computerized response boards (food pellet reward), or non-computerized manual dexterity devices (raisin puzzle feeder). During this time other enrichment devices may not be used. It is important to consider, however, that the animal's use of the computerized board or manual device certainly provides enrichment. The investigators will try to pair house animals during the weekends if it does not interfere with the training. During infections animals may or may not be pair housed. Animals will be singly housed if necessary to complete the study goals.
- 2. As part of a study of control of appetite, satiety and gastric motility non human primates will be singly housed, however, they will be provided with toys, remain within visual and olfactory contact with other monkeys, and will interact with humans.
- D. Exemption form normal environmental temperature requirements.
- 1. As part of a study of effects of different drugs on the brain, squirrel monkeys will be maintained in an environmental chamber at 33°C [91.4°F] for 12 hours.

The Johns Hopkins University 708 N. Wyman Park Center 3400 N. Charles Street Baltimore, MD 21218-2692

FY 2004 USDA Annual Report

3. Facility locations

Site 001: Colleges of Arts and Sciences and Engineering

Site 003: Bloomberg School of Public Health

Site 014: Research Farm

Site 015: Bayview Medical Center

Site 017: Medical Institutions

Site 023: IACUC Records

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21:

. 1

See attached form for additional information. Interagency Report Control

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 51-R-0004

CUSTOMER NUMBER: 80

FORM APPROVED OMB NO. 0579-0036

OCT 1 4 2004

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Virion Systems Inc 9610 Medical Center Drive Suite 100 Rockville, MD 20850

Telephone: (301) -309-1844

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report	OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Cotton Rat	6314	10,147	564	O	10,711
Sigmodon					
Sigmodon fulviventer					
ASSURANCE STATEMENTS	}				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of alliminal care and osci.					
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)					
Λ Λ (· · · · · · · · · · · · · · · · ·					
SIGNATURE OF C/E.O. OR INSTITUTIONAL OFFICIAL /	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Tunuld lun	Gregory A. Prince, D.D.S, Ph.D.	10/1/04			

APHIS FORM 7023

Listing of Actual Facility Sites for Virion systems, Inc.

1. Research Facility: Virion systems, Inc.*

9610 Medical Center Drive

Suite 100

Rockville, Maryland 20850

(301) 309-1844

2. Breeding/Holding Facility:

Virion systems, Inc.*

9620 Medical Center Drive

Suite 102

Rockville, Maryland 20850

(301) 294-8061

^{*} Animals are housed in the vivariums of both facilities.

Noted Exceptions to the Regulations and Standards

- Rodents experiencing difficulty obtaining feed suspended in a wire bar lid or masticating biscuits are provided feed/fines or moistened feed on the floor of the cage.**
- 2. Waste that is, or may be perceived to be, contaminated by biohazards is disposed of using Medical Pathological Waste boxes, which remain, uncovered until sealed for incineration.***
- * The materials in these boxes are items such as exam/surgical gloves, disposable drapes /toweling, gauze squares, closed tubes, large sharps containers, etc. Carcasses are kept in a carcass freezer until the disposal company arrives for pick-up. Then the Medical Pathological Waste bags and transport boxes are sealed. (The boxes are lined with biohazard bags).
- ** Both of the above mentioned items that deviate from the Animal Welfare Regulations and Standards have been discussed and approved by the entire IACUC Committee. At every meeting the two exceptions are discussed to see if it is necessary to continue having these items as exceptions to the regulations.

Reasoning for the Exceptions.

1. Cotton rats being wild rodents feed differently than regular laboratory rodents. They also have a different body shape. These two items sometimes constitute a need to have rodent chow or another appropriate diet easily available to them. For example, heavily pregnant cotton rats sometimes have a difficult time sitting up on their haunches to get food when they are full term. Also cotton rats have a tendency to chip or break their incisors when attempting to escape. Therefore they often will not be able to obtain food through the bars of a wire bar lid and will not be able to chew standard rodent chow, so they are given a soft, balanced rodent diet until their incisors grow out. At what time the pregnant female delivers and/or the incisors have grown back, the animal is returned to being fed from a wire bar lid.

2. The MPW transport box is prepared in advance and lined with 2 biohazard bags. Any contaminated item or perceived contaminated item is placed into the box to await pick up. Sharps are in a contained, sealed secondary safety container. Any oozing, leaking, or odiferous items must be contained and placed in a secondary container prior to placing them in the MPW box (tissues, carcasses). These items are frozen and placed in the box just prior to being removed for incineration. The reasoning behind this is to reduce the number of places where biohazard items or those perceived as such are kept prior to pick up. The boxes are vividly marked as to what they contain and are kept in an out of the way area.

(b)(6), (b)(7)c

IACUC Chairperson

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 51-R-0003

CUSTOMER NO. 79

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code) **BIORELIANCE CORPORATION**

14920 BROSCHART ROAD POCKVILLE MD 20050

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

	NOOKVILLE, MID 20000
REPORTING FACILITY (List all locations where animals were housed or used in actual research, sheets if necessary.)	testing, teaching, or experimentation, or held for these purposes. Attach additional
FACILITY LOCA	iTIONS(sites)
BIORELIANCE CORPORATION ROCKVILLE, MD 20850	

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		885	2088		2973
7. Hamsters		222	2475		2697
8. Rabbits		378	4		382
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL							
(Chief Executive C	(Chief Executive Officer or Legally Responsible Institutional official)						
I certify that the ab	I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED					
Allan Darling, PhD	Allan Darling, PhD, Sr. Vice President, US Biologics & LADS Division	11/12/2004					

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 50-R-0013
CUSTOMER NUMBER: 9014

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Strategic Diagnostics Inc. 128 Sandy Drive Newark, DE 19713

NOV 2 9 2004

Telephone: (302) -456-6785

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

52 Anderson Road Windham, Maine 04062

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report	OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs	36	117	0	0	117
7. Hamsters	0	9	0	Ö	9
8. Rabbits	4363	13,145	109	0 ·	13,254
9. Non-human Primates					
10. Sheep	0	25	0	0	25
11. Pigs					
12. Other Farm Animals					
Goats	35	251	121	0	372
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reset teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incident brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	N BY HEADQUARTERS RESEARCH FACILITY OFFICIAL tive Officer or Legally Responsible Institutional Official)
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) DATE SIGNED Sean D. Boyd, Sr. Director Antibody Manufacturing

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

Interagency Report Contro

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 50-R-0009

CUSTOMER NUMBER: 47

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Nemours Foundation, The Alfred I. Dupont Hospital For Children

1600 Rockland Rd Wilmington, DE 19899 NOV 1 9 2004

Telephone: (302) -651-6860

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS I	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)	
4. Dogs						
5. Cats						
6. Guinea Pigs						
7. Hamsters						
8. Rabbits	0		12		12	
9. Non-human Primates						
10. Sheep						
11. Pigs	0		90		90	
12. Other Farm Animals		.				
13. Other Animals						

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Dr. Vicky L. Funanage, Director of

Biomedical Research of the Nemours Foundati

DATE SIGNED

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

APHIS FORM 702 (AUG 91)

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 50-R-0006

CUSTOMER NUMBER: 45

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

University Of Delaware Office Of Lab Animal Medicine

x**220**xWoolfaHealla

020 Wolf Hall

Newark, DE 19716

Telephone: (382)×831×2980x (302) 831-2400

OCT 08 2004

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)						
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquilliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reason such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)		
4. Dogs							
5. Cats							
6. Guinea Pigs							
7. Hamsters							
8. Rabbits	15	6	25		31		
9. Non-human Primates							
10. Sheep							
11. Pigs							
12. Other Farm Animals							
13. Other Animals		·					
hite-Tailed Deer		119			119		

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual resc teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	ON BY HEADQUARTERS RESEARCH FACILITY OFFICIAL cutive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
lind It Here	Richard D. Holsten, Ph.D. Associate Provost	10/6/04

University of Delaware Office of Lab Animal Medicine 020 Wolf Hall Newark, DE 19716

Certificate Number: 50-R-0006

Customer Number: 45

FACILITY LOCATIONS (Sites)

- 020 Wolf Hall
- 046 McKinly Lab
- 133-138 Wolf Hall

Richard D. Holsten

Associate Provost for Research

10/6/04

Date

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21: NDV 2 6 2004 See attached form for additional information.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0070 CUSTOMER NUMBER: 24893

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

IVD Services 10215 Cannon Road Swanille MW 56382

Brad . Cunningham 10215 Cannon Road Swanville, MN 56382

Telephone: (320) -573-7955

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

10215 Cannon Road Swawille MN 56382

A.	В	Number of animal	C.	Number of	D.	Number of animals upon	E	Number of animals upon which teaching, experiments,	F.
Animals Covered By The Animal Welfare Regulations	J .	being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	J.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.		which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.		research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs									
5. Cats									
6. Guinea Pigs									
7. Hamsters									
8. Rabbits		2		0		72		0	74 -
9. Non-human Primates									
10. Sheep									
11. Pigs									
12. Other Farm Animals			<u> </u>						
13. Other Animals	-		-		-	<u> </u>	-		
	1				T		1		

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Som Common	Brad Conninghem	11/22/04			

APHIR FORM 7023

DCT 1 8 2004

See attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0069

CUSTOMER NUMBER: 25366

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Minnesota School Of Business

@ Richfield 1401 W 76th St Suite 500

Richfield, MN 55423

SEP 2 7 2004

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS (REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	OF ANIMALS (COLUMNS C + D + E)			
4. Dogs		0	0					
5. Cats		3	0		3			
6. Guinea Pigs		4	0		4			
7. Hamsters		0	0					
8. Rabbits		5	0		5			
9. Non-human Primates		0	0					
10. Sheep		0	0					
11. Pigs		0	0					
12. Other Farm Animals		0	0					
13. Other Animals		0						

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reset teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incident brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ens	sure the provision of adequate veterinary care and to oversee the adequacy of other aspects of anima	l care and use.
	EADQUARTERS RESEARCH FACILITY OFFICIAL cer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Komen Landa	Rangld M Handlor Director of	9-23-04
45/10 505/4 7000 (D. 1		

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

hiname

October 12, 2004

USDA Animal care group 920 Main Campus Suite 200 Raleigh NC 27606-5213

Dear Dr. Goldentyer,

Enclosed you find the corrected annual report for the Minnesota School of Business-Richfield, customer number 25366, certificate number 41-R-0069. I sent over a change of location on 9/23/04 and received confirmation of delivery from "Jeremy" in the animal care division. The annual report was returned to me for correction at the previous location. Please be sure that you have the updated address on file.

New address Minnesota School of Business-Shakopee 1200 Shakopee Town Square Shakopee MN 55379 952-516-7017 veterinary tech. department 952-345-1200 main number

Thank you

Minnesota School of Business-Shakopee 1200 Shakopee Town Square Shakopee MN 55379

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 41-R-0068 CUSTOMER NUMBER: 25077

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Minnesota School Of Business @ Plymouth 1455 County Rd 101 North Plymouth, MN 55447

Telephone: (763) -476-2000

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	\mathscr{D}	5Ø	25	\mathcal{D}	45
5. Cats	Ø	3 000	100	0	300
6. Guinea Pigs	Ø	2	Ø	\mathcal{D}	2
7. Hamsters	Ø	1	Ø	100	1
8. Rabbits	Ø	1	1		2
9. Non-human Primates	Ø	\varnothing	Ø	0	0
10. Sheep	Ø	Ø	0	0	8
11. Pigs	Ø	\varnothing	0	10	Ø
12. Other Farm Animals	Ø	\mathscr{D}	Ø	Ø	Ø
13. Other Animals	Ø	Ø	Ø	Ø	Ø
					2

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

APHIS FORM 70/23 (AUG 91

law (7 USC 2143). Failure to report according to the regulations can and desist and to be subject to penalties as provided for in Section 21! See attached form for additional information. Interagency Report Control No.:

CINILED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 41-R-0067 CUSTOMER NUMBER: 23127

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Newport Laboratories 727 Oxford St Worthington, MN 56187

OCT 1 2 2004

Telephone: (507) -372-7779

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Rabbit farm

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)									
A. Animals Covered By The Animal Welfare Regulations	В.	Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, reso rinterpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs						i			
5. Cats									
6. Guinea Pigs				,					
7. Hamsters									
8. Rabbits		*		118		0		0	118
9. Non-human Primates									Y
10. Sheep						!			
11. Pigs							Γ		
12. Other Farm Animals									
13. Other Animals									
ASSURANCE STATEMENTS									

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.

The attending veterinarian for this research facility has appropriate au	thority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects	of animal care and use.
	ION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL cutive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Mana D. Titus DVM	DATE SIGNED

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

Director, Reg. Affeirs and Chirical Research

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0066 CUSTOMER NUMBER: 13842

FORM APPROVED QMB NO. 0579-0035

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Land O Lakes Inc. Ag Research & Technology 1080 Co Rd F West Shoreview, MN 55126

DEC 1 3 2004

Telephone: (515) 543-4852-(636)742-0103

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Siles) - See Alached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being brad, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	G. Number of arimsts upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use o pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate enesthetic, analgasto, or tranquilizing drugs were used.	E. Number of animpls upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pein or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquilitz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report.)	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	4	34			38
5. Cats	7	16			16
5. Guinea Pigs		16			16
7. Hamsters					
5. Rebbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12, Other Farm Animals					
13. Other Animals					
Ferrets		11			U

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgests, and tranquilizing drugs, prior to, during, and following actual rest teaching, teating, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered allematives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and applicability in addition to identifying the IACUC-approved exceptions, this summary into brief explanation of the exceptions, as well as the species and number of animals affected.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL Male Juhnan Directures	MESTITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Phin) Director P. 20	DATE SIGNED			

APHIS FORM 7025

(Replaces VS FORM 18-23 (OCT \$8), which is obsolete.)

(AUG 91)

Interagency Report Con Co.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0065 CUSTOMER NUMBER: 21651

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Duluth Business University 4724 Mike Colalillo Dr. Duluth, MN 55807

OCT 1 92004

Telephone: (999) -999-9999

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	179	18	0	197
5. Cats	0	51	28	0	79
6. Guinea Pigs	0	1	0	0	1
7. Hamsters	0	0	0	0	0
8. Rabbits	0	1	0	0	1
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

,	and the production of the prod			
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		
hand Serm burley	James R. Gessner, President	10-13-04		

APHIS FORM 7023 (AUG 91)

god

This report is required by law (? USC 21.43) Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Sat reverse side for Interface Cy, Report Control

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

REGISTRATION NO. 19810

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Globe College 7166 10th St. North Oakdale, MN 55128

3 REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITYLOCATIONS (Sites)

Globe College, Oakdale, MN

A. Animals Covered By The Anima Welfare Regulations	B.Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of enimals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures pain or distress in those animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO OF ANIMALS (Cots. C + D + E)
4. Dogs	Ø	11	62	Ø	
5. Cats	Ø	16	103		
6. Guinea Pigs	Ø	3	Ø		
7. Hamsters	Ø	a			
8. Rabbits	Ø	a			
9. Non-human Primates	Ø	Ø)		
10. Sheep	Ø	Ø			
11., Pigs	Ø	Ø			
12. Other Farm Animals	Ø	Ø)		
13 Other Animals	Ø				
Chirchilla	Ø			4	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarianfor this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).						
SIGNATURE OF CEO OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
Clear I Hocker DIN	Brian L. Hoefs, DVM Carporate Veternary Technology	11-11-07				
APHIS FORM 7028 (Replaces VS FORM 18-23 (OCT 88) which is						

Interagency Report Con

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0065

CUSTOMER NUMBER: 21651

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Duluth Business University 4724 Mike Colalillo Dr. Duluth, MN 55807 OCT 1 9 2004

Telephone: (999) -999-9999

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	179	18	0	197
5. Cats	0	51	28	0	79
6. Guinea Pigs	0	1	0	0	1
7. Hamsters	0	0	0	0	0
8. Rabbits	0	1	0	0	1
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incident brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
hand seem burtent	James R. Gessner, President	10-13-04			

APHIS FORM 7023 (AUG 91)

additional information

1. CERTIFICATE NUMBER: 41-R-0066

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

CUSTOMER NUMBER: 13842

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Land O Lakes Inc. Ag Research & Technology 1080 Co Rd F West Shoreview, MN 55126

DEC 1 3 2004

Telephone: (515) -543-4852-(636) 742-0103

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Siles) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being brid, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animots an for which appropriate anesthelic, analgasic, or tranquilizing drugs were used.	E. Number of animple upon which teaching, experiments, research, surgery or tests were conducted hydwing accompanying pein or detress to the animals and for whithe use of appropriate anesthetic, analysisic, or tranquilitzings would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)		
4. Dogs	4	324			38 -		
5. Cats	_7	16			16		
5. Guinea Pigs		16			16		
7. Hamsters							
5. Rabbits							
9. Non-human Primates							
10. Sheep							
11. Pigs							
12. Other Farm Animals							
13. Other Animals							
Ferrets		11			11		

_				
ARR	بمهنا	KIF SI	TATEN	BTM

- 1) Professionally acceptable standards governing the care, treatment, and use of enimals, including appropriate use of enestatic, analgests, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alignmatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and up institutional Animal Care and Use Committee (ACUC), A summary of all such exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary into brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of enimal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)							
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	Director P & D	DATE SIGNED					
AGUIS CORRESPONDE MANAGEMENT AND CORRESPONDED AND CORRESP	07						

(Replaces VS FORM 18-23 (OCT \$6), which is obsolete,)

(AUG 91)

law (7 USC 2143). Failure to report according to the regulations can
n and desist and to be subject to penalties as provided for in Section 21!

See attached form for additional information.

Interagency Report Control No.:

ONLIED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0067
CUSTOMER NUMBER: 23127

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Newport Laboratories 727 Oxford St

Worthington, MN 56187

OCT 1 2 2004

Telephone: (507) -372-7779

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Rabbit farm

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquilliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs			·		
5. Cats					
6. Guinea Pigs					
7. Hamsters		·			
8. Rabbits	***************************************	118	0	0	118
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
				·	
ASSURANCE STATEMENT	s		I		

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

Director

eg. Affairs a

p Besearch

Interagency Report Control Io.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0068
CUSTOMER NUMBER: 25077

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Minnesota School Of Business

@ Plymouth

1455 County Rd 101 North Plymouth, MN 55447

Telephone: (763) -476-2000

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)								
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	(COLUMNS C + D + E)			
4. Dogs	\mathscr{D}	5Ø	25	<i>Q</i>	45			
5. Cats	Ø	3 000	100	8	300			
6. Guinea Pigs	\varnothing	2	Ø	P	2			
7. Hamsters	Ø	1	Ø	10	1			
8. Rabbits	Ø	1	1		2			
9. Non-human Primates	Ø	\varnothing	Ø	<i>'O</i>	\mathcal{Q}			
10. Sheep	\mathcal{D}	\varnothing	0	0	Ø			
11. Pigs	Ø	Ø	\varnothing		0			
12. Other Farm Animals	Ø	Ø	Ø	<i>(Q</i>)	Ø			
13. Other Animals	Ø	0	Ø	E)	0			
					,			

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reseteaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incommended by the principal investigator and approximate in the investigator and approximate in the investigator and approximate in the investigator and approximate in the investigator and approximate investigator and approximate investigator.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	HEADQUARTERS RESEARCH FACILITY OFFI ficer or Legally Responsible Institutional Official		
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL	OFFICIAL (Type or Print) DIRECTUR	DATE SIGNED
APHIS FORM 7023 (Replaces VS FORM 18-23 (OCT 88), which is obsolete.) (AUG 91	/		

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 41-R-0063 CUSTOMER NUMBER: 19782

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

2635 University Ave West (TYPE OR PRINT)

Suite 140

St Paul, MN 55114

Protatek International Inc

DEC 032004

Telephone: (651) -644-6831

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)						
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reason such drugs were not used must be attached to this report	(COLUMNS C + D + E)	
4. Dogs						
5. Cats						
6. Guinea Pigs			76			
7. Hamsters						
8. Rabbits			58			
9. Non-human Primates						
10. Sheep						
11. Pigs			179			
12. Other Farm Animals						
13. Other Animals						
	'					
	'					
	,					
ASSURANCE STATEMENTS	S	<u>*************************************</u>				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

=	FION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ecutive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Michelle Farender	Chairperson	29 NOV04

APHIS FORM 7023

Interagency Report Control

UNITED STATES DEPARTMENT OF AGRICULTURE

1. CERTIFICATE NUMBER: 41-R-0062

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

CUSTOMER NUMBER: 16195

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Argosy University-Twin Cities 1515 Central Parkway Eagan, MN 55121

Telephone: (651) -846-3410

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	OF ANIMALS (COLUMNS C + D + E)		
4. Dogs			150		150		
5. Cats			102		102		
6. Guinea Pigs		8			8		
7. Hamsters		0			\bigcirc		
8. Rabbits			6		6		
9. Non-human Primates		0					
10. Sheep		0			_()		
11. Pigs		\bigcirc			O		
12. Other Farm Animals		Ö			0		
13. Other Animals		0			0		
ASSURANCE STATEMENTS							

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.

The attending vetermanar for this research tacinty has appropriate ac	and to display the provision of adequate velocities and to oversee are adequacy of delial aspects	or arminal care and acc.
	ON BY HEADQUARTERS RESEARCH FACILITY OFFICIAL cutive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF CEED. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) WRIGHT COWAY CAMPUS PRESIDENT	DATE SIGNED
V 1.11		

APHIS FORM 7023

See attached form for

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0061 CUSTOMER NUMBER: 15690

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Apptec Laboratory Services, Llc 2540 Executive Drive

NOV 1 6 2004

Telephone: (651) -675-2000

St Paul, MN 55120

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)								
A. Animals Covered By The Animal Welfare Regulations	В.	Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs						3			3
5. Cats									0
6. Guinea Pigs						5556			5556
7. Hamsters									Ö
8. Rabbits				900		144			1044
9. Non-human Primates									O
10. Sheep									0
11. Pigs									0
12. Other Farm Animals									
13. Other Animals		·							

ASSURANCE STATEMENTS

(AUG 91)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reset teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Fach principal investigator has considered attemptives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL e Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) BOUTA C BASKIN CEU	DATE SIGNED
APRIS FORM 7023 (Penlaces VS FORM 18-23 (OCT 88) which is offenis	ora)	

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 41-R-0060

CUSTOMER NUMBER: 1816

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

JULIE NEIWORTH Carleton College

508 Simono Court Please ornit, this is wrong.

Dept. Of Psychology Northfield, MN 55057

Telephone: (507) -646-4372

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Lieting HVLINXT 17, 19 + 21.

REPORT OF ANIMALS	USED BY OR UNDER (CONTROL OF RESEAR	CH FACILITY (Attach addition	al sheets if necessarv or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquilizing would have adversely affected the procedures, resion interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reason such drugs were not used must be attached to this report	OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates	Ø	10	0	Ø	10
10. Sheep					
11. Pigs			·		
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS	8				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.

, , , , , , , , , , , , , , , , , , , ,	
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) ASSOCIATE Dawn of the College	DATE SIGNED 10-27-04
ADHIS FORM 7023 (Replaces VS FORM 18/93 (OCT/88) which is obsolete \	

Primate Researcher Scott Biermana

Assoc Deau/IR for IACUC

additional information.

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 41-R-0600

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

JULIE NEWOURTH CARLETUN COURCE DEPT OF PSYCHOLOGY NORTHELD, MN 55057

REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adictitional sheets if nec	cessary or use this form.)	
A. Animals Covered By The Animal Welfare Regulations 12. &/OR 13. Other (List by species)	B. Number of animals being bred, conditioned, or held Jor use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relleving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMALS (Cols. C + D + E)
cotton top tamarins		10	0	Ō	10
	<u> </u>				
			<u> </u>		

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report in addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATIO	ON BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Execu	tive Officer or Legally Responsible Institutional Official)
i certify t	that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

10-27-04

(AUG 91) Primate Resourcher

ASSURANCE STATEMENTS

SLOTT BIERMAN

Associate Dear of the College
ASSOCIATE DEAN/ IR PARTI-HI

PART 1 - HEADQUARTERS

DCT 2 7 2004

See attached form for additional information. Interagency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 41-R-0059

CUSTOMER NUMBER: 1725

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Beckman Coulter, Inc. 1000 Lake Hazeltine Dr

Chaska, MN 55318

Telephone: (612) -448-4848

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USEI	D BY OR UNDER	CONT	ROL OF RESEAR	CH F	ACILITY (Attach additions	ıl st	neets if necessarv or use APHIS Form 7023A)	•
A. Animals Covered By The Animal Welfare Regulations	В.	Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use o pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs									
5. Cats									
6. Guinea Pigs									
7. Hamsters									
8. Rabbits				81					81
9. Non-human Primates									
10. Sheep						•			
11. Pigs									
12. Other Farm Animals									
Horses				11					1
13. Other Animals									
Goats		33		54					54
Burros		3		3		:			3

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

Michael J. Whelan

<u>V</u>ice President

NEC 20 2004

ore_

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 41-R-0058 CUSTOMER NO. 1704

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

RIVER VALLEY FARMS, INC. 750 WALNUT STREET P.O.BOX 40 MARINE ON ST CROIX, MN 55047 (651) 433-5965

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

See Attached Listing

...

FACILITY LOCATIONS(sites)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			51		51
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep			24		24
11. Pigs			289		289
12. Other Farm Animals					
Cattle			1		1
13. Other Animals					

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

HEADQUARTERS RESEARCH FACILITY OFFICIAL	
Officer or Legally Responsible Institutional official)	
ove is true, correct, and complete (7 U.S.C. Section 2143)	
	DATE SIGNED
James C. Foster	11/14/200
Chairman, President & CEO	11/14/2004
	HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) over its true, correct, and complete (7 U.S.C. Section 2143) NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) James C. Foster Chairman, President & CEO

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

Interagency Report Conton

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0055

CUSTOMER NUMBER: 1657

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Parker Hughes Institute 2720 Patton Road Roseville, MN 55113

OCT 1 8 2004

Telephone: (651) -604-9064

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A.	B. Number of animal	C. Number of	D. Number of animals upon	E Must be of grimals upon which to ships a version set	F.
Animals Covered By The Animal Welfare Regulations	being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	4			4
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	0		124		124
9. Non-human Primates					
10. Sheep					
11. Pigs	0		10		10
12. Other Farm Animals					
13. Other Animals					
		.			

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.

The attending veterinarian for this research facility has appropriate authority to ensemble and the second se	sure the provision of adequate veterinary care and to oversee the adequacy of other aspects	of animal care and use.
	ADQUARTERS RESEARCH FACILITY OFFICIAL er or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Anstructional Official	DATE SIGNED
APHIS FORM 7023 (Replaces VS FORM 18-23 (OCT 88), which is obsolete.)	NO.	

(AUG 91)

NOV 1 6 2004

See attached form for additional information. Interagency Report Control

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 41-R-0052

CUSTOMER NUMBER: 1633

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Insight Biomed Inc. 710 E. 24th St. Suite L30 Minneapolis, MN 55404

Telephone: (612) -336-5050

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS L	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)					ACILITY (Attach additiona	ets if necessary or use APHIS Form 7023A)		
A. Animals Covered By The Animal Welfare Regulations	В.	Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.		Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resorinterpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs				:					
5. Cats									
6. Guinea Pigs	_								
7. Hamsters									
8. Rabbits						436			
9. Non-human Primates									
10. Sheep									
11. Pigs									
12. Other Farm Animals									
13. Other Animals									
							!		

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

ROGER WILSON, UP

11.11.04

OCT 1 2 ZJU4 Interagency Report Control (6:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0049

CUSTOMER NUMBER: 794

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Minnesota State University Moorhead

Moorhead, MN 56563

Telephone: (218) -236-2573

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-refleving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pein or distress to the animals an for which appropriate anesthetic, analgesic, or tranquitizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate enesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resion interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)			
4. Dogs					0			
5. Cats			·		0			
6. Guinea Pigs					0			
7. Hamsters					0			
8. Rabbits		2		N/A	2			
9. Non-human Primates					0			
10. Sheep					0			
11. Pigs					0			
12. Other Farm Animals	·							
13. Other Animals					0			
			,					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquillizing drugs, prior to, during, and following actual resetencing, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary incoming brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	DQUARTERS RESEARCH FACILITY OFFICIAL or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Ronald M. Jeppson, Ocan of the college of Social and	DATE SIGNED

APHIS FORM 7023

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0047

CUSTOMER NUMBER: 775

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

St. Olaf College 1520 St. Olaf Avenue Northfield, MN 55057

DEC 1 7 2004

Telephone: (507) -646-3004

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Biology and Psychology Depts. FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquilized drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)			
4. Dogs					None			
5. Cats					7			
6. Guinea Pigs					1			
7. Hamsters					,,			
8. Rabbits					1)			
9. Non-human Primates					1)			
10. Sheep					"			
11. Pigs					<i>'</i> }			
12. Other Farm Animals					//			
13. Other Animals					′1			
					None			

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incident brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
and On	James M. May, Provost and Dean of College	12/14/04				

APHIS FORM 7023 (AUG 91)

result in an order to cease and desist and to be subject to penalties as provided for in Section 21!

See attached form for additional information Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER:

41-R-0045 CUSTOMER NUMBER: 548

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

University Of St. Thomas 2115 Summit Avenue St Paul, MN 55105

Telephone: (651) -962-5220

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USEL	D BY OR UNDER (CONT	ROL OF RESEAR	CH F	ACILITY (Attach additiona	she	eets if necessarv or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B.	Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	c.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquillizing drugs were used.	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs									
5. Cats									1
6. Guinea Pigs									
7. Hamsters									<u> </u>
8. Rabbits									
9. Non-human Primates									
10. Sheep									
11. Pigs									
12. Other Farm Animals									
13. Other Animals									
		Ø		Ø					9
ASSIDANCE STATEMENTS									

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)					
		1			
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Tyrus / Coche	THOMAS ROCHON Executive Vice President	11-23-04			

APHIS FORM 7023

Attachment I: FACILITY LOCATIONS

Room: OWS 382
Owens Science Hall
University of St. Thomas
2115 Summit Avenue
St. Paul, MN 55126

Room: OWS 252
Owens Science Hall
University of St. Thomas
2115 Summit Avenue
St. Paul, MN 55126

588

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 41-R-0043

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Gustavus Adolphus College 800 W. College Avenue St Peter, MN 56082

CUSTOMER NUMBER:

OCT 1 4 2004

Telephone: (507) -933-8000

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

_				al sheets if necessarv or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		6			6
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Ì					
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

John Mosbo, Dean of Faculty

APHIS FORM 7023

(Replaces V8 FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 41-R-0042

CUSTOMER NUMBER: 550

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Ridgewater College Veterinary Technology Dept. P. O. Box 1097 Willmar, MN 56201

NOV 2 2 2004

Telephone: (612) -235-5114

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

Ridgewater College

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquilliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs		15	24		39
5. Cats		14	26		40
6. Guinea Pigs	4	14			18
7. Hamsters					
8. Rabbits	1				1
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Ferret	1				1
Chinchilla	1				1

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Los hwall	Douglas W. Allen, President	11-16-64			

APHIS FORM 7023

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0038

CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Doane Pet Care 210 Westwood Pl. South Suite 300 Brentwood, TN 37027

Telephone: (615) -309-3011

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)						
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analigesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)		
4. Dogs					10		
5. Cats					20		
6. Guinea Pigs							
7. Hamsters							
8. Rabbits				·			
9. Non-human Primates							
10. Sheep							
11. Pigs							
12. Other Farm Animals							
13. Other Animals							
ASSURANCE STATEMENTS							

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

	CERTIFICATION BY H	HEADQUARTERS RESEAR	CH FACILITY OFFICIAL	
	(Chief Executive Of	fficer or Legally Responsible	nstitutional Official)	
SICNAPHIE OF CEO OF INSTITUTIONAL OFFICIAL		ANNUE A TITLE OF OF C	OR MOTERITORIAL OFFICIAL AT THE STATE	In the Grove

Joseph J Meyens

VICE President

Costomer ID and Site Address:

ID: 600

37499 U.S Highway 169 St. Peter, MN 56082

County: Nicollet

Telephone (507)931-9011

See anached form for additional information. Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE HUMBER: 41-R-0038 CUSTOMER NUMBER: 600

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Donne Pet Care 210 Westwood Pl. South Suite 300

Brentwood, TN 37027

Telephone: (615) -309-3011

2. REPORTING FACILITY (List all locations where snimnls were housed or used in actual research, tecting, or experimentation, or held for these purposes. Altrach additional sheets if necessary)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

FACILITY LOCATIONS (Sites) - See Attribed Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in traching, lenting, cappriments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which leaching, research, experiments, or tests were conducted irrealizing to pain, disarces, or use to pain-realizing drugs.	D. Number of animats upon which experiments, leaching, research, surgery, or tests were conducted involving eccompanying pain or distress to the animals an lor which appropriate anesthetic, analysis, or tranquibling drups were used.	E. Number of shimats upon which teaching, experiments, respect, surgery or tests were conducted involving accompanying pain or districts to the shintest and for white use of appropriate aneuthetic, anatgests, or tranquitized urgs would have adversely affected the procedures, resort interpretation of the leaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C+D+E)
4. Dogs		10			10
5. Cals		20			20
6. Guines Pigs			,	7	
7, Hamsters					
8. Rabbits					,
9. Non-human Primates					
10. Sheep			4.1		,
I1. Pigs					``` -
12. Other Farm Animals				// **	
3. Other Animals	•1.10. •1.100				
		· · · · · · · · · · · · · · · · · · ·	•		
				W	
ASSURANCE STATEMENTS			· · · · · · · · · · · · · · · · · · ·		
1) Professionally accepts	able standards governing th	o care, treatment, and use o le followed by this recearch t	of animats, including appropriate use of lecitly.	f ancstoic, analgesic, and tranquilizing drugs, prior to, during, an	6 following actual rese
	gator has considered alterna			:	
		lations under the Act, and If SUC). A summary of all suc apocles and number of anin		endards and regulations be specified and cuptained by the princip result report. In addition to identifying the IACLIC-opproved ascept	al investigator and ap ions. this summary inc
				terinary care and to oversee the adequacy of other aspects of an	imal care and use.
		CERTIFICATION BY (Chief Executive	THEADQUARTERS RESEARCH Officer or Legally Responsible Ins	H FACILITY OFFICIAL Stitutional Official)	
SIGNATURE OF C.E.O. OR	INSTITUTIONAL OFFICIAL		JOSEPA J. ME	OR INSTITUTIONAL OFFICIAL (Typic or Print) VI CE President	DATE SIGNED
APHIS FORM (AUG 51)	Replaces VS FORM 18-23	(OCT 88), which is obsolete		eyers \$cio	II'/KJOM

See attached form for additional information.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 41-R-0029

CUSTOMER NUMBER: 551

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Children'S Health Care Of St. Paul Neonatal Research Laboratory 345 N. Smith Avenue Mail Stop 60138 St Paul, MN 55102

OCT 1 2 2004

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Room L282 address some as above

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER O	CONTROL OF RESEAR	CH FACILITY (Attach additiona	al sheets if necessarv or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animats upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resion interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		ı			
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs	0	O	40	0	40
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS	2				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquillizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

•	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
	(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

Alan L. Goldbloom M.D.

CEO

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

Interagency Report Control

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0022

> CUSTOMER NUMBER: 552

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Guidant Corporation Cardiac Pacemakers Inc 4133 Fernwood Ave Arden Hills, MN 55112

Telephone: (651) -582-4501

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

U of Mn

FACILITY LOCATIONS (Sites) - See Atached Listing

Holly Neaton Farms

surgery but not ye used for such purposes. 4. Dogs 2. 7 S. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-human Primates	surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast analgesic, or g drugs were Such drugs were not used must be attached to this report g drugs were
5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-human Primates	5 85
5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-human Primates	
7. Hamsters 8. Rabbits 9. Non-human Primates	
8. Rabbits 9. Non-human Primates	
9. Non-human Primates	
10. Sheep	
	26
11. Pigs // 3 0	
12. Other Farm Animals	
13. Other Animals	
	ı I

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

Lynn Elliott, VP Research + Technology
(TR. J

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

See reverse side for additional information

0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 41-R-0015

CUSTOMER NO. 558

FORM APPROVED

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

41-R-0015

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

MEDTRONIC PHYSIOLOGICAL RESEARCH 2 2 200

11520 YELLOW PINE STREET NW MINNEAPOLIS, MN 55448 (763) 514-6800

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites) See Attached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research. experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	75		378		378
5. Cats	Ø		Ø		Ø
6. Guinea Pigs	0		5		5
7. Hamsters	Ø		Ø		Ø
8. Rabbits	5		169		169
9. Non-Human Primates	Q		0		0
10. Sheep	20		142		142
11. Pigs	20		239		239
12. Other Farm Animals	Ø		Ø		Ø
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

aspects of alimai care and use,						
CERTIFICATION BY	HEADQUARTERS RESEARCH FACILITY OFFICIAL					
(Chief Executive Officer or Legally Responsible Institutional official)						
I certify that the ab	ove is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIG				
The strong	John Hammargum Director, PRI	11/14)				

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUAR

Aphis Form 7023 Site List

We have housed animals at the following sites:

Medtronic PRL 11520 Yellow Pine St NW Minneapolis, MN 55448 (763)514-6800

Neaton Farms 11549 Highway 25 Watertown, MN 55388 (952)955-2596 DCT 2 5 2004

See attached form for additional information. Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 41-R-0011

> CUSTOMER NUMBER: 560

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

St. John'S University/Collegeville College Of Saint Benedict P. O. Box 3000 Collegeville, MN 56321

Telephone: (320) -363-3350

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEAR	CH FACILITY (Attach additiona	Il sheets if necessarv or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					:
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		6			6
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

ATURE OF C.E.O. OK INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

ASSOCIATE DEAN & DIRECTOR OF

DAVID LYNDGAARD

ACADEMIC BUDGET

DATE SIGNED 10/18/200 Customer ID and Site Address:

ID:560

Science Center Collegeville, MN 56321

County: Stearns

Telephone

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 41-R-0007 CUSTOMER NO. 591 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

MINNEAPOLIS MEDICAL RESEARCH FOUND.,INC. 914 SOUTH EIGHT STREET 3RD AND 10TH FLOOR MINNEAPOLIS, MN 55404

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic,analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			20		20
5. Cats					
6. Guinea Pigs			·		
7. Hamsters					
8. Rabbits			63		63
9. Non-Human Primates					
10. Sheep			101		101
11. Pigs	1		137		137
12. Other Farm Animals					
13. Other Animals					
	ļ				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL						
(Chief Executive Officer or Legally Responsible Institutional official)						
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
Mary E. Bergaas	Mary E. Bergaas, Vice Pres. of Operations	11/16/2004				

-This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21!

See attached form for additional information. Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 41-R-0006

CUSTOMER NUMBER: 542

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Mayo Foundation 200 First Street, S.W. Rochester, MN 55905

Telephone: (507) -284-2511

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	32	3	332	0	335
5. Cats	0	0	20	. 0	20
6. Guinea Pigs	1	7	12	0	19
7. Hamsters	0	5	2	0	7
3. Rabbits	4	213	806	0	1019
9. Non-human Primates	6	0	18	0	18
0. Sheep	0	0	4	0	4
1. Pigs	123	611	634	0	1245
2. Other Farm Animals Goats	17	0	12	0	12
Horses	3	0	0	0	0
3. Other Animals					

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Jonathan J. Oviatt, J.D. (Inst. Official) Mayo Foundation Roard of Trustees

DATE SIGNED 1/02/04

APHIS FORM 7023

SIGNATIONE OF G

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

Animals were used in the following Mayo Foundation facilities:

Customer ID and site address:

Customer ID: 542

Mayo Clinic Rochester 200 First Street, S. W. Rochester, MN 55905 County: Olmsted

Sites:

Institute Hills Research Facility
Guggenheim Building
Alfred Building
Medical Sciences Building
Development Project Support Facility

Customer ID: 542

Mayo Clinic Jacksonville 4500 San Pablo Road Jacksonville, FL 32224 County: Duval

Site:

Birdsall Building

Customer ID: 542

Mayo Clinic Scottsdale 13400 Shea Blvd. Scottsdale, AZ 85259 County: Maricopa

Site:

Johnson Research Building

200 First Street SW Rochester, Minnesota 55905 507-284-2511

Comparative Medicine 507-284-1059, Fax 507-284-1059

November 2, 2004

Dr. Elizabeth Goldentyer, Regional Director USDA, APHIS, Animal Care Eastern Regional Office 920 Main Campus Drive, Suite 200 Raleigh, NC 27606-5213

Dear Dr. Goldentyer:

RE: Research Facility Annual Report, Registration 41-R-0006

Enclosed is the "Annual Report of Research Facility" (APHIS Form 7023) form with attachments for the Mayo Foundation (Certificate Number: 41-R-0006, Customer Number: 542). Jonathan J. Oviatt, J.D., who is the Institutional Official for animal use at all Mayo Foundation sites, has signed the form.

The Institutional Animal Care and Use Committee has approved three exceptions to the Animal Welfare Act regulations and standards.

- The IACUC approved an exception to the pig housing guidelines (Guide for the Care and Use of Laboratory Animals) in the Birdsall Building, Mayo Clinic Jacksonville. Up to 12 pigs at between 25-30 kg are housed in 12 square feet of floor space for less than 24 hours.
- The IACUC approved an exception to the pig housing guidelines (<u>Guide for the Care and Use of Laboratory Animals</u>) at the Development Project Support Facility, Mayo Clinic Rochester. Approximately 35 breeding females, each less than 200 kg, are pair housed within a pen. The involved pens provide between 50-64 square feet of floor space. This temporary (60 days or less) pair housing arrangement involves up to three pens in room number 1221.
- The IACUC approved extending the shelf life of guinea pig and nonhuman primate chow from 3 months to 6 months. Currently, LabDiet® and Harlan Teklad® brand diets are used and both have USDA approval for a 6-month shelf life.

Studies involving "death as an endpoint" or LDxx studies were not carried out at Mayo Foundation this past year.

gar

Attending veterinarians at all sites have the authority to ensure that adequate veterinary care is provided. The attending veterinarian at Mayo Clinic Scottsdale has changed this past year and is now is a full time veterinarian employed by Mayo Clinic Scottsdale in the Department of Biochemistry. Full time staff veterinarians oversee the Department of Comparative Medicine, which administers all aspects of the animal care and use program at Mayo Foundation.

Sincerely,

CSF/am Enclosure

cc:

J. Oviatt

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21! See attached form for additional information. Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 41-R-0003

CUSTOMER NUMBER: 559

FORM APPROVED

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

OMB NO. 0579-0036

Health Partners Research Foundation 640 Jackson Street Mail Stop 11503h St Paul, MN 55101

Telephone: (612)-221-2928 651-254-3391

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS I	USED BY OR UNDER (CONTROL OF RESEAR	CH FACILITY (Attach additiona	al sheets if necessary or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		3			3
9. Non-human Primates					
10. Sheep		10			_/D
11. Pigs		21			27
12. Other Farm Animals					
13. Other Animals					
					·

SURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

\bigcirc	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTAUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Andrew F. Welson, MPH, Ex. Director	DATE SIGNED

APHIS FORM 7023 (Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 35-R-0116

CUSTOMER NUMBER: 13171

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Genesis Midwest LIc N6230 County Road G Neillsville, WI 54456

Telephone: (715) -743-4557

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
⁷ Hamsters	0	0	0	0	0
。. Rabbits	0	0	0	0	0
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	72	0	0	72
12. Other Farm Animals	0	0	0	0	0
13. Other Animals			·		
airy Goats	0	4	0	0	4
airy Cows	0	12	0	0	12

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reset teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incipal brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

Dale W. Fletcher, Director

<u>Genesis Midwest Laboratories, LLC</u>

DATE SIGNED

APHIS FORM 7023

URF

C.F.O. OR INST

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

sheets if necessary.)

(TYPE OR PRINT)

CUSTOMER NO. 35-R-0115 10701

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

MIRUS CORPORATION 505 S ROSA RD MADISON, WI 53719

(608) 238-4400

NOV 1 2 2004

		F	ACILITY LOCATIONS(sites)		
See Attached Listing					
505 5 R	losa Re	<u> </u>			
Madison	ω_1	53719			
REPORT OF ANIMALS USED BY (OR UNDER CONTROL O	F RESEARCH FACILITY	' (Attach additional sheets if neces	ssary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D+E)
4. Dogs	0	0	0	0	\circ
5. Cats	0	0	\circ	0	0
6. Guinea Pigs	0	0	0	Ó	0
7. Hamsters	0	\bigcirc	\circ	0	\bigcirc
მ. Rabbits	0	0	28	\odot	28
9. Non-Human Primates	\circ	\mathcal{O}	0	\odot	0
10. Sheep	<u></u>	0	\bigcirc	0	0
11. Pigs	\mathcal{O}	\mathcal{O}	\circ	0	\mathcal{O}
12. Other Farm Animals	0	0	<u></u>	O	0
13. Other Animals	0	0	\circ	0	0
ACCUPANCE CTATEMENTS					
ASSURANCE STATEMENTS					
Professionally acceptable sta	indards governing the car	e, treatment, and use of a	nimals, including appropriate use	of anesthetic, analgesic, and tranquilizing drugs, prior to,	during,

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

- and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
Fisall Americal	RUSSELL R. SMESMI) PRESIDENT	NOV 9, 2004				

See attached form for additional information. DCT 2 9 2004

Interagency Report Contro

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 35-R-0111

CUSTOMER NUMBER: 795

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

University Of Wisconsin-Oshkosh 800 Algoma Blvd Oshkosh, WI 54901

Telephone: (920) -424-0200

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	TOTAL NUMBEI OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs	and the state of t				
12. Other Farm Animals					
13. Other Animals			,		
13-Lined pround squirrel	8	18	14	0	32
spiny rats	0	200	0	0	200
Rats	18	26	70	0	96

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
Nulword H. Welle	Richard H. Wells, Chancellor	10-25-44

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 35 - R - 0111

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

University of Wisconsin - Oshkosh 800 Algoma Blvd Oshkosň, WI 54901

REPORT OF ANIMALS USED BY OF	UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if nec	cessary or use this form.)	
A. Animals Covered By The Animal Welfare Regulations 12. &/OR 13. Other (List by species)	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMALS (COIS. C + D + E)
House sparrows	0	20	0	0	20
chestnut-sided /	.0	15	0	0	15
black-capped chickadees	0	10	0	0	10
anolis lizards	0	180	0	0	180
	 	`			
					-
	 				
ASSURANCE STATEMENTS	<u> </u>			<u> </u>	-X-1-1-0

- Professionally acceptable standards governing the care, treatment, and use of aniimals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during. and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIA	L
(Chief Executive Officer or Legally Responsible Institutional Official)	

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

Richard H. Wells, Chancellor

10-28-0C)

APHIS FORM 7023A (AUG 91)

DCT 2 5 2004

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21!

See attached form for additional information. Interagency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 35-R-0109

CUSTOMER NUMBER: 774

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Great Lakes Nutrition, Inc. 6493 Rosy Lane

Ridgeway, WI 53582

Telephone: (608) -924-1309

608-935-9386

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs		60			60
5. Cats		60			60
б. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Ì					
Ì					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF Ç.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

Melisse S. Maitland AlD, Dres.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 35-R-0108

CUSTOMER NUMBER: 622

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Panigen Inc W8959 Highway 39 Blanchardville, WI 53516

SEP 2 4 2004

Telephone: ()-608-523-1903

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep	Ŝ				١
11. Pigs					
12. Other Farm Animals					
9cats	18	3			3
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incoming brief explanation of the exceptions, as well as the species and number of animals affected.

JACQUI LEIGHTON-PRESIDENT

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	TION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL recutive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

HIS/FORM 7023 (Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

APHIS/FORM 70X (AUG 91)

See attached form for additional information

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 35-R-0105

CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Randolph . Schuett Dvm

Pewaukee Veterinary Service N29 W23950 Schuett Drive

Pewaukee, WI 53072

OCT 2 1 2004

Telephone: (262) -691-2298-(262) 347-07870

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

W299 58098 How83 MUKWONAGO 262 370 - 1822 Co. Wanker .Wi 53149 phone

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)									
A. Animals Covered By The Animal Welfare Regulations	В.	Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs						O			
5. Cats						0			
6. Guinea Pigs						0			
7. Hamsters						0			
8. Rabbits						0			
9. Non-human Primates						0			
10. Sheep						7			7
11. Pigs						12			12
12. Other Farm Animals						0			
13. Other Animals									

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

Randolph J. Schnett DVM

Pres.

10/18/04

APHIS FORM 7023

This report is required by law (7 USC 2143). Failure to report according to the regulations can rei alt in an order to cease and desist and to be subject to penalties as provided for in Section 21! See attached form for

DUSO Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE

additional information.

FORM APPROVED OMB NO. 0579-0036

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. CERTIFICATE NUMBER: 35-R-0042 CUSTOMER NUMBER: 648

Powderiect Vaccines, Inc. 8551 Research Way Blvd Middleton, WI 53562

Telephone: (608) -824-3730

3. REPORTING FACELITY (List all locations where enimals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

warner bowned a nasou.

FACILITY LOCATIONS (Sites) - See Atached Listing

Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate aneathetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or lests were conducted involving accompanying path or distress the snimals and for whithe upon particle of appropriate enests to the animals and for whithe upon the procedures, resorinterpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	O	O	C	0
5. Cats	C	C	C	С	C
6. Guinea Pigs	6*	66	C	0	66.
7. Hamsters	С	C	С	0	С
8. Rabbits	C	0	С	C	С
9. Non-human Primates	С	0	C	0	\overline{c}
0. Sheep	C	С	C	C	Ċ
1. Pigs	C	120	Č	C	123
2. Other Farm Animals	Č	0	C	0	C
3. Other Animals	C	Ĉ	Ĉ	С	C
	tanimais a	sed by mid-l	copper 2004. It	wentery new "c"	

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestesic, analgesic, and tranquilizing drugs, prior to, during, and following actual reactions, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and applicability in additional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary income transfer and use the exceptions, as well as the species and number of animals affected.
- 4) The attending vereinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL WHICKED (ALK)	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or PYIN) DANIEL PULCLAIN, CONSULTANT	DATE SIGNED			

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

Walker Downey & Associates, Inc. Product Safety & Development Consulting

7565 Heather Knoll Lane Verona, WI 53593-8125 Tel/Fax: 608-827-5066 www.walkerdowney.com

Fax Transmittal

DATE:

January 3, 2005

TO:

Elizabeth Goldentyer, DVM

Regional Director - Animal Care, USDA Eastern Region

FROM:

Daniel McLain, PhD

President - Walker Downey & Associates

FAX No.:

919-855-7123

NUMBER OF PAGES (Including this sheet): 2/3

MESSAGE:

Per instruction received by telephone to your office support staff on this date I am sending by fax the APHIS Form 7023 and a letter requesting termination of Certificate Number 35-R-0042 (Customer Number 648).

If transmission is not complete, CALL: (608) 827-5066

Warning: This facsimile message and accompanying documents are intended only for the use of the addressee indicated above. Information that is privileged or otherwise confidential may be contained therein. If you are not the intended recipient, you are hereby notified that any dissemination, copying, review or use of this message, documents or information contained therein is strictly prohibited. If you have received this message in error, please notify us immediately by telephone or facsimile and mail the original to us at the above address. Thank you.

See attached form for additional information.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 35-R-0034

> CUSTOMER NUMBER: 639

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Geneva Laboratories, Inc.

P.O. Box 140 Elkhorn, WI 53121

Telephone: (262) -723-5669

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					<u> </u>
5. Cats					
6. Guinea Pigs	25	1110			1110
7. Hamsters					
8. Rabbits	18	390	38		428
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	TION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL secutive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
X Continued 1	Gary L. Swanson/President	9-29-04

APHIS FORM 7023 (AUG 91)

V (Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

NOV 1 6 2004

See attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 35-R-0030

CUSTOMER NUMBER: 640

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Covance Laboratories Inc 3301 Kinsman Boulevard Madison, WI 53704

Telephone: (608) -242-2712

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) --- See Atached Listing

3301 Kinsman Blud. Madison, WI 5370

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A) A. Number of animal Number of Number of animals upon E. Number of animals upon which teaching, experiments, F. being bred. animals upon which experiments research, surgery or tests were conducted involving conditioned, or which teaching, teaching, research, accompanying pain or distress to the animals and for wh TOTAL NUMBER **Animals Covered** held for use in research, surgery, or tests were the use of appropriate anesthetic, analgesic, or tranquiliz OF ANIMALS By The Animal teaching, testing, experiments, or conducted involving drugs would have adversely affected the procedures, res Welfare Regulations experiments, tests were accompanying pain or or interpretation of the teaching, research, experiments, (COLUMNS research or conducted distress to the animals an surgery, or tests. (An explanation of the procedures surgery but not ve involving no pain. for which appropriate producing pain or distress in these animals and the reason C+D+E) distress, or use o used for such anesthetic, analgesic, or such drugs were not used must be attached to this report purposes. pain-relieving tranquilizing drugs were drugs. 4. Dogs 405 2369 5. Cats 6. Guinea Pigs 7. Hamsters 83 8. Rabbits 1032 9. Non-human Primates 3 2208 10. Sheep 11. Pigs 42 228 12. Other Farm Animals 13. Other Animals 14 Ferret Ø Ø

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reset teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

C.E.O. OR INSTITUTIONAL OFFICIAL

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incoming brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

(Chief Executive Officer or Legally Responsible Institutional Officia

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

Wendel Barr - President, Early Development 11/2/04

APHIS FORM 7023

SIGNATURE OF

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

ATTACHMENT 1

SUMMARY OF EXCEPTIONS

There were no exceptions to the standards in 2004.

DCT 2 5 2004 See attached form for additional information

Interagency Report Control N

UNITED STATES DEPARTMENT OF AGRICULTURE

1. CERTIFICATE NUMBER: 35-R-0022

FORM APPROVED

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

CUSTOMER NUMBER: 641 OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Gundersen Lutheran Medical Center 1836 South Avenue

La Crosse, WI 54601

Telephone: (608) -785-0530

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs			6		6
5. Cats			9		9
6. Guinea Pigs					
7. Hamsters			2		_2
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

SIGNATURE OF

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

Facility Locations

- 1.) Gundersen Lutheran Medical Center 1836 South Avenue La Crosse, WI 54601
- 2.) La Crosse Veterinary Clinic
 2128 Hwy. 16
 La Crosse, WI 54601
 (this location is located approx. 5 miles from Gundersen Lutheran)
- 3.) Gundersen Lutheran Medical Center
 Microbiology Research Laboratory
 Health Science Center
 1300 Badger Street
 La Crosse, WI 54601
 (this location is located approx. 2 miles from Gundersen Lutheran)

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 35-R-0017

CUSTOMER NUMBER: 612

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

University Of Wisconsin-Milwaukee 3209 N. Maryland, Lapham 364

P. O. Box 413 Milwaukee, WI 53201

Telephone: (414) -229-6339

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures; res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					0
5. Cats					0
6. Guinea Pigs					0
7. Hamsters					Ó
8. Rabbits					0
9. Non-human Primates					0
10. Sheep					0
11. Pigs					0
12. Other Farm Animals					0
13. Other Animals					0

SSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

NAME & TITLE OF C.E.O. OF INSTITUTIONAL OFFICIAL (True or Print)

Director, Environ, Health

DATE SIGNED 11/02/04

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

Safety & Risk Mgt.

See attached form for additional information. Interagency Report Control

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE ... 1. CERTIFICATE NUMBER: 35-R-0016

CUSTOMER NUMBER: 617

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Fall, 2004

Madison Area Tech College District 3550 Anderson Street Madison, WI 53704

NOV 2 3 2004

Telephone: (608) -246-6100

FACILITY LOCATIONS (Sites) - See Atached Listing

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-retieving drugs.	Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resion interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report.)	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	3		74		74
5. Cats			78		78
6. Guinea Pigs			20		20
7. Hamsters			24		24
8. Rabbits	13		43		43
9. Non-human Primates	-		_		
10. Sh ee p			4		4
11. Pigs			4		4
12. Other Farm Animals			-		Name .
Goats			30		30
3. Other Animals			_		
Cows			15		15
Ponies			5		5

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CE	RTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED 15/0

APHIS FORM 7023

Joy A. McMillan, Associate Dean

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 35-R-0015

CUSTOMER NO. 611

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF WISCONSIN-LA CROSSE 1725 STATE STREET ROOM 106 HEALTH SCIENCE CENTER LA CROSSE, WI 54601

REPORTING FACILITY (List all locations where animals were housed or used in actual research, sheets if necessary.)	testing, teaching, or experimentation, or held for these purposes. Attach additional
FACILITY LOCA	TIONS(sites)
UNIVERSITY OF WISCONSIN-LA CROSSE LA CROSSE, WI 54601	

Α.	B. Number of		•	sary or use APHIS FORM 7023A)	1 5
A. Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	2				
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
715					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		
Elizabeth Hitch, Ph.D.	Elizabeth Hitch, Provost/Vice Chancellor	10/29/2004		

See attached form for additional information Interagency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 35-R-0014

CUSTOMER NUMBER:

608

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

University Of Wisconsin-Whitewater Research And Sponsored Program 800 W. Main Street Whitewater, WI 53190

Telephone: (262) -472-5212

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)				
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	1				
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL Denile Ehlen

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)
Denise Ehlen, Director of Research and Sponsored Programs

DATE SIGNED 11/4/2004

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

See attached form for additional information.

Interagency Report Courtol No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 35-R-0013

CUSTOMER NUMBER: 607

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

University Of Wisconsin-Stevens Point

Old Main Building

Stevens Point, WI 54481

NOV 1 6 2004

Telephone: (715) -346-4235

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	JSED BY OR UNDER (CONTROL OF RESEAR	CH FACILITY (Attach addition	al sheets if necessarv or use APHIS Form 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use σ pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	Ø				Ø
5. Cats	φ				Ø
6. Guinea Pigs	ø				Ø
7. Hamsters	Ø				Ø
8. Rabbits	Ø				Ø
9. Non-human Primates	Ø				Ø
10. Sheep	ø				Ø
11. Pigs	Ø				Ø
12. Other Farm Animals	\$				Ø
13. Other Animals	8				⊗
wild robuts	45	40			82

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reseteaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

, and appropriate datasets, to click	are the provision of adequate voterinary care and to oversee the adequatey of other aspects of animal	ii oai e aria ace:			
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Juzinia M. Helm	Virginia Helm, Provost & Vice Chancellor	11-10-04			

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 35-R-0011
CUSTOMER NUMBER: 643

NOV 2 6 2001

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Research Compliance Marquette University

1217 W. Wisconsin Avenue 604 N. IEth Street

P.O. Box 1881

Milwaukee, WI 53201-1 88(

Telephone: (414) -288-6249

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use σ pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	1	28			28
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
					-

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incident brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICE	Α
(Chief Executive Officer or Legally Responsible Institutional Official)	

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

Trach

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

Bela E. Pigesek, Ph.D. Inst. Offic.

See reverse side for additional information.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 35-R-0010

Interagency Report Control No 0180-DOA-AN

UNIVERSITY OF WISCONSIN-RIVER FALLS

RIVER FALLS, WI 54022

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

CUSTOMER NO. 614

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF WISCONSIN-RIVER FALLS 410 S. 3RD ST. RIVER FALLS, WI 54022

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of D. Number of animals upon C. Number of animals being animals upon which experiments. experiments, research, surgery or tests were which teaching, teaching, research, **Animals Covered** bred. conducted involving accompanying pain or distress TOTAL NO. By The Animal Welfare Regulations conditioned or research, surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS held for use in experiments, or anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or conducted involving teaching, testing, tests were accompanying pain or (Cols. C+ experiments. conducted distress to the animals interpretation of the teaching, research, D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these nals and the reasons such drugs were not used vet used for such use of paintranquilizing drugs were purposes. relieving drugs used. must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs Hamsters 8. Rabbits 9. Non-Human Primates 113 10. Sheep 11. Pigs 433 12. Other Farm Animals 36 Horses 13. Other Animals

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) DATE SIGNED					
Wm. E. Campbell, Director of Grants & Research					

ASSURANCE STATEMENTS

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 35-R-0010 CUSTOMER NO. 614

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF WISCONSIN-RIVER FALLS 410 S. 3RD ST. RIVER FALLS, WI 54022

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	sary or use this form.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
Cattle	290				
Poultry	17				
		L			
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		
Wm. E. Campbell, Director of Grants & Research				

APHIS Form 7023 Additional Reported Sites

The following additional sites have been reported by the facility. The reported sites have not been verified by APHIS and have been provided by the facility solely for completeness of the APHIS Form 7023 Annual Reporting submission.

Registration Number:

35-R-0010

Customer Number:

614

Facility:

UNIVERSITY OF WISCONSIN-RIVER FALLS

410 S. 3RD ST.

RIVER FALLS, WI 54022

Lab Farm 1 115 Cemetery Rd. River Falls, WI 54022 Lab Farm 2 129 Glover Rd. River Falls, WI 54022

629

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 35-R-0009

CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Aurora Sinai Medical Center 945 North 12th Street P.O. Box 342, Rm. W303 Milwaukee, WI 53201

NOV 2 9 2004

Telephone: (414) -219-7280

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS I	research, or conducted distress to the animals an surgery but not ye involving no pain, for which appropriate distress in these animals a c + D + E)									
	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or	animals upon which teaching, research, experiments, or tests were conducted	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an	research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the	TOTAL NUMBER OF ANIMALS (COLUMNS					
4. Dogs	4	Ø	i9	Ø	19					
5. Cats	Ø	Ø	Ø	Ø	Ø					
6. Guinea Pigs	Ø	Ø	' Ø	Ø	Ø					
7. Hamsters	66	506	Ø	Ø	506					
8. Rabbits	Ø	$ \emptyset $	24	Ø	24					
9. Non-human Primates	Ø	Ø	Ø	Ø	Ø					
10. Sheep	Ø	6	Ø	6	Ø					
11. Pigs	Ø	$ \emptyset $	Ø	Ø	Ø					
12. Other Farm Animals	Ø	, Ø	'Ø	, Ø	Ø					
13. Other Animals	Ø	Ø	Ø	Ø	Ø					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reset teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incoming brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)								
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL With Timbul wo.	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Nick Turked, MD, Institutional Official, Senior Clinical Vice President Academic Affairs, Aurora Health Care	DATE SIGNED						

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 35-R-0008

CUSTOMER NO. 642

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

MARSHFIELD CLINIC RESEARCH FOUNDATION 1000 NORTH OAK AVE MARSHFIELD, WI 54449

REPORTING FACILITY (List all locations where animals were housed or used in actual resea sheets if necessary.)	ch, testing, teaching, or experimentation, or held for these purposes. Attach additional
FACILITY LC	CATIONS(sites)
MARSHFIELD CLINIC RESEARCH FOUNDATION MARSHFIELD, WI 54449	

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats			1		1
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			2		2
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
Steven J. Kaiser	MCRF Animal Facilities Coordinator	10/11/2004				

NOV 3 0 200 see attached form for

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 35-R-0007

CUSTOMER NUMBER: 613

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

University Of Wisconsin-Parkside **Department Of Biological Sciences** 900 Wood Road P. O. Box 2000 Kenosha, WI 53141

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)								
A. Animals Covered By The Animal Weffare Regulations	В.	Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs									
5. Cats									
6. Guinea Pigs		0				0			0
7. Hamsters									
8. Rabbits									
9. Non-human Primates									
10. Sheep									
11. Pigs									
12. Other Farm Animals									
13. Other Animals									
ASSURANCE STATEMENTS	S								

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	HEADQUARTERS RESEARCH FACILITY OFFICIAL ficer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	Gerald Greenfield AssociPrinar	DATE SIGNED

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

See attached form for additional information. Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 35-R-0004

> CUSTOMER NUMBER: 769

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Ridglan Farms, Inc. P. O. Box 318

Mount Horeb, WI 53572

NOV 2 6 2004

Telephone: (608) -437-8670

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS I	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching. research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resion interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)			
4. Dogs	3414	0	0	0	3414			
5. Cats	0							
6. Guinea Pigs	0							
7. Hamsters	0							
8. Rabbits	0							
9. Non-human Primates	0							
10. Sheep	0							
11. Pigs	0							
12. Other Farm Animals	0							
13. Other Animals								

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to	o ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects	of animal care and use.
	/ HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL MILLA A DUMA DUMA	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) JAMES A. BURNS, D.V.M.	DATE SIGNED 11/22/04

PHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

See attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 35-R-0003

610

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

University Of Wisconsin-Eau Claire 504-A Phillips Hall Eau Claire, WI 54701

CUSTOMER NUMBER:

DEC 092004

T-1--h--- (00

Telephone: (999) -999-9999

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS (PORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)			
4. Dogs								
5. Cats								
6. Guinea Pigs								
7. Hamsters	0	168	0	0	168			
8. Rabbits								
9. Non-human Primates								
10. Sheep								
11. Pigs								
12. Other Farm Animals								
13. Other Animals								

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incoming brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	ON BY HEADQUARTERS RESEARCH FACILITY OFFICIAL utive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) Ronald Satz	DATE SIGNED
I seed of sof	Provost and Vice Chancellor	12-6-04

APHIS EDRM 7023 (AUG 91) (Replaces VS FORM 18,23 (OCT 88), which is obsolete.)

DEC 022004

See attached form for

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 35-R-0001

> CUSTOMER NUMBER: 616

' FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

University Of Wisconsin-Madison Research Animal Resources Ctr. **Director Research Animal Resources Center** 1710 University Avenue 396 Enzyme Institute Madison, WI 53726

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary

FACILITY LOCATIONS (Sites) - See Atached Listing

A.	B.	Number of animal	C.	Number of	D. Number of animals upon		E	E. Number of animals upon which teaching, experiments,	F.	
Animals Covered By The Animal Welfare Regulations		being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.		animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.		which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.		research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reason such drugs were not used must be attached to this report	TOTAL NUMBEF OF ANIMALS (COLUMNS C + D + E)	
4. Dogs		41		92		329			421	
5. Cats		12		18		90			108	
6. Guinea Pigs				1					1	
7. Hamsters		47		541		4			545	
8. Rabbits		28		57		283			340	
9. Non-human Primates		1,116		459		854			1,313	
10. Sheep		6				101			101	
11. Pigs		107		550		249			799	
12. Other Farm Animals COWS		56		4		95			99	
Horses		13				17			17	
13. Other Animals				5					5	
Opossums				66					66	
Raccoons				86					86	
Red Foxes				8					8	

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

R. Timothy Mulcahy, Ph.D. Associate Vice Chancellor DATE SIGNED

APHIS FORM 7023

Replaces VS FORM 18-23 (PCT 88), which is obsolete.)

(AUG 91)

See reverse side for additional information.

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

C 2 2004

1. REGISTRATION NO. 35-R-0001

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code) University of Wisconsin-Madison Research Animal Resources Ctr. Director, Research Animal Resources Center 1710 University Avenue 396 Enzyme Institute

MACISON: WI 53/26 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach adiditional sheets if necessary or use this form.)						
A. Animals Covered By The Animal Welfare Regulations 12. &/OR 13. Other (List by species)	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMALS (Cols. C + D + E)	
Deer			215		215	
Coyotes		61			61	
Gerbils			89		89	
Chinchillas	27	100			100	
Chipmunks		8			8	
Voles		13			13	
Ferrets		7	48		55	
Shrews		7			7	
Squirrels		221			221	
Snakes		1			1	
Wild-Caught Mice	1,940	1,095	37		1,132	
•	 					
ASSURANCE STATEMENTS		<u> </u>				

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report in addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL Mulcale NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print) R. Timothy Mulcahy, Ph.D. Associate Vice Chancellor

DATE SIGNED

SUMMARY OF IACUC APPROVED EXCEPTIONS TO THE STANDARDS AND REGULATIONS OF THE USDA ANIMAL WELFARE ACT

University of Wisconsin - Madison

Registration No.: 35-R-0001

Reporting Period: 10/01/03 - 09/30/04

More Than One Protocol Involving a Major Operative Procedure:

While there are some protocols containing multiple surgical procedures, there are no are no approved protocols for use of animals across protocols and involving major operative procedures.

Food and/or Water Deprivation:

- IACUC approved protocol for up to 156 Rhesus and 100 Hamsters water restriction for up to 12 hours/day for five (3) days for Conditioned Taste Aversion Training.
- IACUC approved protocol for up to 157 Rhesus 30% calorie restriction of diet and housing in metabolic caging for up to 72 hours.
- IACUC approved protocol for up to 145 Marmosets 15-18 hour fast prior to glucose challenge.
- IACUC approved protocol for up to 36 Rhesus water restriction as work stimulus for up to 12 hours per day for 5 day work period.
- IACUC approved protocol for up to 70 Cats and 8 Rhesus water restriction as part of work reward for up to 18 hours per day for 6 days.
- IACUC approved protocol for up to 24 Rhesus 12 hour fast prior to vitamin A dosing and metabolic cage housing.

Not Cleaning and/or Sanitizing at Required Frequencies:

- IACUC approved protocol for up to 480 13-lined ground squirrels exempted from cage cleaning during hibernation period.
- IACUC approved protocol for up to 60 Rhesus limited cage cleaning for up to three weeks after receiving radioactive materials (clean pans only).

SUMMARY OF IACUC APPROVED EXCEPTIONS TO THE STANDARDS AND REGULATIONS OF THE USDA ANIMAL WELFARE ACT

Page 2

Restraint:

- IACUC approved protocol for up to 232 sheep tethering of post-surgical animals in portable enclosures for up to 10 days to prevent damage to surgical instrumentation.
- IACUC approved protocol for up to 32 Rhesus chair restraint of animals involved in sleep study data collection.
- IACUC approved protocol for up to 72 Cats to be given a paralytic agent while under anesthesia high degree of stability for intracellular recording in cortex is required.
- IACUC approved protocol for up to 124 Rhesus chair restraint of animals for up to 16 hours for the collection of amygdala perfusates
- IACUC approved protocol for up to 150 Cats and 275 Chinchillas restraint required for up to 3 hours for cochlear nucleus recording.
- IACUC approved protocol for up to 70 Cats and 8 Rhesus restraint of animals for up to 6 hours for eye coil recordings.
- IACUC approved protocol for up to 36 Rhesus chair restraint to allow for eye coil measurement.
- IACUC approved protocol for up to 32 Rhesus chair restraint for 14 hours to collect intruder measurement data.

Housing:

- IACUC approved protocol for up to 96 Rhesus –singly housed SIV infected animals.
- IACUC approved protocol for up to 15 Rhesus eight week single housing for surgical healing (5 weeks) and experimental adaptation (3 weeks).

UNIVERSITY OF WISCONSIN - MADISON USDA REGISTRATION NUMBER: 35-R-001 ACTIVE SITES (10/01/04)

The attached list is of sites that are currently active for the above noted registration number.

35-R-0001

Site: 001 Status: Active College of Agri & Life Science Meat & Animal Sciences Dept.

Animal Science Facility Madison, WI 53706

County: Dane

Site: 003 Status:

College of Agri & Life Science Active Biochemistry Dept. Biochemistry Facility Madison, WI 53706

County: Dane

Site: 006

College of Agri & Life Science Status: Active Food Microbiology & Toxicology Food Micro/Toxicology Building

Madison, WI 53706

County: Dane

Site: 007 Status: Active

School of Veterinary Medicine

AHABS

AHABS Facility Madison, WI 53706

County: Dane

Site: 013

School of Veterinary Medicine Status: Active **AHABS Physiology**

Charmany Farm/Dairy Barn

Madison, WI 53706

County: Dane

Site: 015

Graduate School Status: Active

Biotron

Madison, WI 53706

County: Dane

Site: 016

Graduate School Status: Active Waisman Center

Madison, WI 53706

County: Dane

Site: 018

Status: Active

Graduate School Primate Center

Madison, WI 53706

County: Dane

Site: 019

Status: Active

College of Letters & Sciences Psychology Department

Harlow Primate Lab Madison, WI 53706

County: Dane

Contact Person:

Contact Person:

Contact Person:

Contact Person:

Contact Person

Contact Person:

Contact Person:

Contact Person:

Contact Person:

Site: 020 Graduate School Contact Person: Status: Active Primate Center - Annex Madison, WI 53706 County: Dane Site: 021 College of Letters & Sciences **Contact Person:** Status: Active Psychology Department Brogden Psychology Facility Madison, WI 53706 County: Dane Site: 022 **Health Sciences** Contact Person: Status: Active Medical School Medical Sciences Center Madison, WI 53706 County: Dane Site: 023 Health Sciences Contact Person: Status: Active Medical School Clinical Sciences Center Madison, WI 53706 County: Dane Site: 026 Health Sciences Contact Person: Status: Active Medical School Meriter Hospital Madison, WI 53706 County: Dane Site: 027 Health Sciences Contact Person: Status: Active School of Pharmacy Pharmacy Building Madison, WI 53706 County: Dane Site: 028 Health Sciences Contact Person: Status: Active Bardeen Site Madison, WI 53706 County: Dane Site: 031 **Health Sciences** Contact Person: Status: Active State Lab. of Hygiene Madison, WI 53706 County: Dane Site: 032 School of Veterinary Medicine Contact Person: Status: Active Veterinary Teaching Hospital Madison, WI 53706 County: Dane Site: 033 School of Veterinary Medicine Contact Person: **Charmany Farms** Status: Active Madison, WI 53706 County: Dane

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Site: 035 Status: Active College of Letters & Sciences

Zoology Department

Birge Hall

Madison, WI 53706

County: Dane

Site: 036 College of Agri & Life Sciences Status: Active

Zoology Department Zoology Research Madison, WI 53706

County: Dane

Site: 040

College of Agri & Life Science Status: Active Meat & Animal Sciences Dept.

> Livestock Laboratory Madison, WI 53706

County: Dane

Site: 041

College of Agri & Life Science Status: Active Nutritional Science Dept.

Nutritional Science Facility Madison, WI 53706

County: Dane

Site: 042

College of Agri & Life Science Status: Active

Wildlife Ecology Russell Labs

Madison, WI 53706

County: Dane

Site: 044

Status: Active

Health Sciences

SMI Site Madison, WI 53706

County: Dane

Site: 047

Status: Active

School of Veterinary Medicine

Bookout Farm - AHABS

Arlington Farms

Arlington, WI 53911

Site: 051

Status: Active

College of Agri & Life Science

SPF Swine Facility **Arlington Farms** Arlington, WI 53911

Site: 057

Status: Active

VA Animal Research Facility 2500 Overlook Terrace

Madison, WI 53706

County: Dane

Contact Person:

NOV 3 0 200 see attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 34-R-0152
CUSTOMER NUMBER: 13343

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Midwest Animal Blood Services Inc Po Box 626 4933 Bird Dr. Stockbridge, MI 49285

Telephone: (517) -851-8244

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
.4. Dogs		5	9		1.4
5. Cats			62		62
6. Guinea Pigs					 U
7. Hamsters					
8. Rabbits					
9. Non-human Primates					100
10. Sheep					
11. Pigs					
12. Other Farm Animals					
Goat		5			5
13. Other Animals					
Foursqulated					
Ilana		1			1

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reseteaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary incommerced brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)						
SIGNATURE OF C.E.O. OF INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
Mille plan	Anno S. Male, DVA COO Midwest A	DG 11-29-1				

APHIS FORM 7023/ (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 34-R-0151

CUSTOMER NO. 111

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

HENRY FORD HOSPITAL 2799 W GRAND BLVD DETROIT, MI 48202-2689

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional				
sheets if necessary.)				
FACILITY LOCATIONS (siles)				
HFHS	HFHS			
DETROIT, MI 48202	DETROIT, MI 48201			

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A B. Number of D. Number of animals upon C. Number of E. Number of animals upon which teaching animals being experiments, research, surgery or tests were animals upon which experiments, **Animals Covered** bred. which teaching, teaching, research, conducted involving accompanying pain or distress TOTAL NO. By The Animal conditioned, or research, surgery, or tests were to the animals and for which the use of appropriate OF ANIMALS Welfare Regulations held for use in anesthetic analgesic, or tranquilizing drugs would experiments, or conducted involving teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C+ experiments. conducted distress to the animals interpretation of the teaching, research, research, or involving no pain, distress, or and for which appropriate experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these surgery but not anesthetic, analgesic, or animals and the reasons such drugs were not used vet used for such use of paintranquilizing drugs were purposes. relieving drugs. used. must be attached to this report) 4. Dogs 144 144 5. Cats 6. Guinea Pigs 7. Hamsters 2 8. Rabbits 137 137 9. Non-Human Primates 10. Sheep 11. Pigs 6 6 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Margot C. LaPointe, Ph.D.	Margot C. LaPointe, Ph.D., Director of Research	11/03/2004			

HFHS

DETROIT, MI 48201

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21! See attached form for additional information. Interagency Report Contro

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 34-R-0149

CUSTOMER NUMBER: 13477 FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Grand Valley State University 401 W Fulton

Grand Rapids, MI 49504

Telephone: (616) -336-7265

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)						
A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relleving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)	
4. Dogs						
5. Cats						
6. Guinea Pigs				·		
7. Hamsters						
8. Rabbits						
9. Non-human Primates						
10. Sheep		This facility	did not use any	animals covered by AWA re	gulations	
11. Pigs						
12. Other Farm Animals						
13. Other Animals						

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary inc brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

Priscilla J. Kimbeke, Dean Office of Graduate Studies and Grants Administration

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 34-R-0147

CUSTOMER NO. 10106

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

WEST MICHICAN DESCRIPTIONAL LARS.

WEST MICHIGAN REGIONAL LABS 3201 BURTON ST., SE GRAND RAPIDS, MI 49506

REPORTING FACILITY (List all locations where animals were housed or used in actual research, sheets if necessary.)	testing, teaching, or experimentation, or held for these purposes. Attach additional			
FACILITY LOCATIONS(sites)				
WEST MICHIGAN REGIONAL LABS GRAND RAPIDS, MI 49506				

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			4		4
5. Cats	3		34		34
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	5		78		78
9. Non-Human Primates					
10. Sheep					
11. Pigs			49		49
12. Other Farm Animals					<u></u>
13. Other Animals					

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
Lowell R. Bursch, MD	Lowell R. Bursch, MD; President and Chairman of the Board	11/09/2004			